Missouri Timber Industry— An Assessment of Timber Product Output and Use, 2006

Thomas B. Treiman, John G. Tuttle and Ronald J. Piva



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Foreword

In this bulletin we discuss recent Missouri forest industry trends and report the results of a detailed study of the forest industry, industrial roundwood production, and associated primary mill wood and bark residue in Missouri in 2006. Such detailed information is necessary for intelligent planning and decision making in wood procurement, forest resources management, and forest industry development. Likewise, researchers need current forest industry and industrial roundwood information for planning projects.

Special thanks are given to the primary wood-using firms for supplying information for this study and to the Missouri Department of Conservation Foresters for canvassing the respondents. Their cooperation is greatly appreciated.

All board foot data in this report have been converted to International 1/4-inch scale by applying a multiplier of 1.08 to all roundwood volumes reported in Scribner Decimal C scale by sawmills and handle mills, a multiplier of 1.04 to all roundwood volumes reported in Scribner Decimal C scale by veneer and cooperage mills, a multiplier of 1.38 to all roundwood volume reported in Doyle scale by sawmills and handle mills, and a multiplier of 1.14 to all roundwood volume reported in Doyle scale by veneer and cooperage mills.

When new surveys are completed, errors and omissions from previous surveys are corrected. As a result of our ongoing efforts to improve the survey's efficiency and reliability, changes may have been made to the previous survey's data. All comparisons and analysis in this report are based on the reprocessed data from earlier surveys, which may not match earlier published data.

The last published report from a detailed study of all industrial roundwood output in Missouri was for 2003. Most comparisons in this report are with the 2003 study results. Rows and columns may not sum due to rounding, but data in each table cell are accurately displayed.

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HIGHLIGHTS

PRIMARY TIMBER INDUSTRY—INDUSTRIAL ROUNDWOOD

- In 2006, Missouri's primary woodusing industry was comprised of 357 sawmills, 8 cooperage mills, 8 post and pole mills, 4 charcoal plants, 4 handle mills, 1 insulation board (pulpwood) mill, and 7 mills producing other products (see table 1, fig. 1).
- The number of large and medium mills combined (mills with an annual lumber production of 1 million board feet or more) decreased by 14 mills from 2003 to 2006, while the number of small mills remained the same.
- In 2006, the primary wood-using mills in Missouri processed 129.7 million cubic feet of industrial roundwood, 3.5 million cubic feet more than processed in 2003.
- Ninety percent of the industrial roundwood processed by the State's primary wood-using mills was cut from Missouri's forest lands, a decrease from the 93 percent found in 2003. Illinois. Arkansas, and Indiana were the largest suppliers of out-of-State roundwood in 2006. Combined, they supplied another 7 percent of the industrial roundwood used by Missouri mills. Other states that supplied more than 500 thousand cubic feet of industrial roundwood to Missouri mills where Tennessee, Ohio, Kentucky and Kansas (table 2).

- Less than 7 percent of the industrial roundwood processed by Missouri mills consisted of softwood species.
- The production of industrial roundwood decreased from 128 million cubic feet in 2003 to 125 million cubic feet in 2006 (table 3, fig. 2).
- The production of saw logs accounted for 88 percent of the total industrial roundwood produced in 2006. Cooperage and pulpwood products were the next largest consumers of Missouri's industrial roundwood production with 4 percent and almost 2 percent, respectively, of the total production (table 3).
- In 2006, the Eastern Ozark Unit was the leading producer of industrial roundwood in Missouri, with 55 million cubic feet, or 44 percent of the total industrial roundwood produced. The Prairie Unit was second with 22 million cubic feet (18 percent of the total), followed by the Southwestern Ozark Unit with 20 million cubic feet (16 percent of the total), the Riverborder Unit with 17 million cubic feet (14 percent of the total), and the Northwestern Ozark Unit with 11 million cubic feet (9 percent of the total) (table 4, fig. 3).

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- The Riverborder Unit and the Northwestern Ozark Unit showed an increase of 20 percent and 1 percent, respectively, in the production of industrial roundwood between 2003 and 2006. The Prairie Unit decreased by 15 percent, the Southwestern Ozark Unit decreased by 6 percent, and the Eastern Ozark Unit decreased by 1 percent.
- The red oak group was the most harvested species group in 2006, accounting for 46 percent of the total industrial roundwood volume. White oaks at almost 28 percent, hickories and black walnut at 5 percent each, and shortleaf pine at 4 percent, were the other major species harvested (table 5).
- Wood processing mills in Missouri received 93 percent of the industrial roundwood that was harvested from Missouri's forests in 2006. Two percent of the industrial roundwood production went to mills in Kentucky. The remainder of the exported industrial roundwood went to mills in Arkansas, Illinois, Indiana, Iowa, Kansas, Lousiana, Nebraska, Oklahoma, Tennessee, and Wisconsin, and to other countries (table 6).

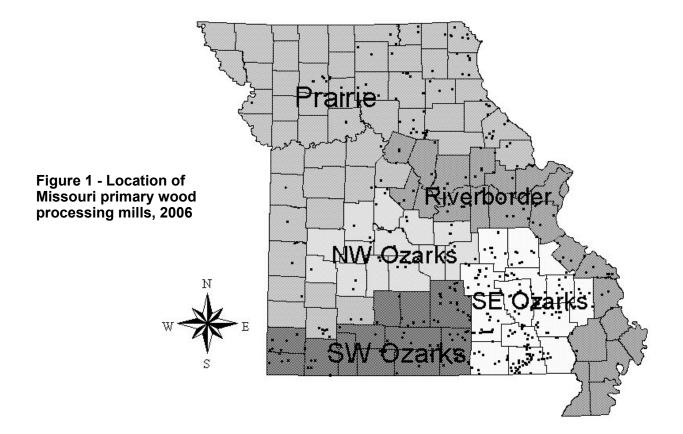


Figure 2 - Industrial roundwood production by product, Missouri, 1994-2006

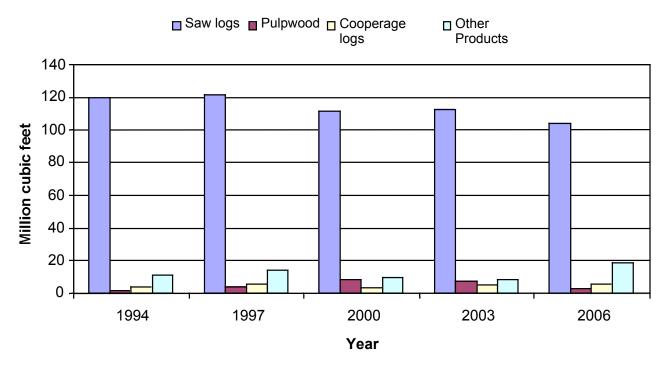
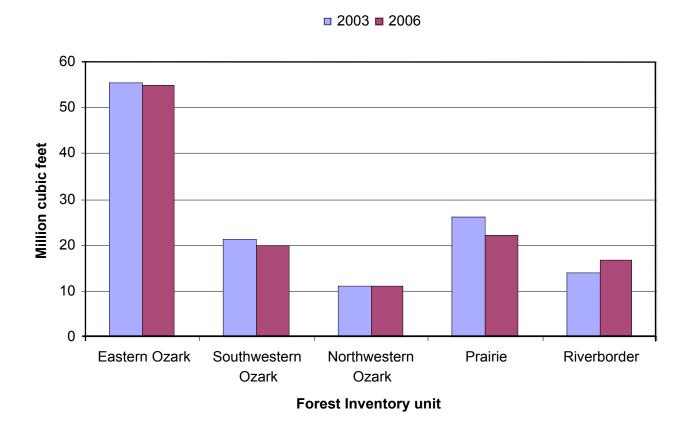


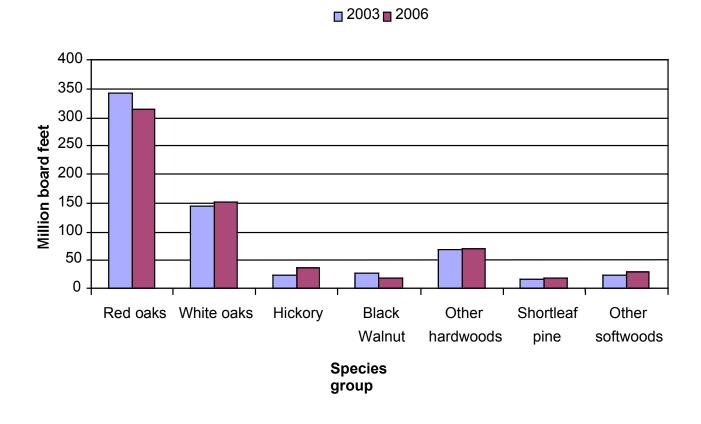
Figure 3 - Industrial roundwood production by Forest Inventory Unit, Missouri, 2003 and 2006



SAW LOGS

- Missouri's sawmills processed 649 million board feet of saw logs in 2006, a decrease of 3 percent from 2003 (table 7).
- Saw log production in Missouri decreased by more than 10 million board feet, or 2 percent; from 629 million board feet in 2003 to 618 in 2006 (table 7).
- The Eastern Ozark Unit was the leading producer of saw logs in 2006 with 282 million board feet, or just over 45 percent of the total. The Prairie Unit produced 116 million board feet, or 19 percent of the saw logs; the Southwestern Ozark Unit produced almost 100
- million board feet, or 16 percent of the saw logs; the Riverborder Unit produced 67 million board feet, or 11 percent; and the Northwestern Ozark Unit produced 54 million board feet, or 9 percent of the saw logs (table 7).
- Red oaks accounted for over half the saw log volume (312 million board feet) harvested from Missouri's forests in 2006. Other important species groups were white oaks at 152 million board feet, hickory at 36 million board feet, black walnut at 26 million board feet and cottonwood at 20 million board feet (fig. 4).

Figure 4 - Saw log production by species group, Missouri 2003 and 2006



COOPERAGE

- Cooperage logs and bolt production of white oak was the second largest consumer of Missouri's industrial roundwood production in 2006, increasing from 30 million board feet in 2003 to 32 million board feet in 2006 (table 4).
- The Riverborder and Prairie Units were the largest producers of cooperage logs and bolts in 2006, with 8 million board feet each.

EXCELSIOR AND SHAVINGS

- In 2006, excelsior and shavings became the third largest industrial roundwood product harvested in Missouri. The almost 4 million cubic feet harvested was an increase of over 300 percent from 2003.
- Eastern redcedar was the most harvested species for excelsior and shavings in 2006, accounting for almost a third of the total. Hardwoods made up under 60 percent of the species harvested.

OTHER PRODUCTS

- Industrial roundwood production for pulpwood decreased from 91 thousand cords in 2003 to 29 thousand cords in 2006, a 68 percent decrease. Ninety-five percent of the pulpwood harvested in Missouri was sent to mills in other states.
- Veneer log production was 5 million board feet in 2006. The Prairie Unit and the River-border Unit combined supplied 88 percent of the veneer log production for the State (table 4).
- Charcoal production from industrial roundwood totaled almost 10 thousand cords in 2006 (table 4).
- Missouri produced just almost 1 million posts in 2006.
- Other industrial roundwood products harvested from Missouri's forests in 2006 include poles, handles, and cabin logs.

 Residential fuelwood is a major nonindustrial product in Missouri. The results of a residential fuelwood study conducted in 1987 are available in "Residential Fuelwood Production and Sources from Roundwood in Missouri, 1987," RB-NC-132, by Ronald L. Hackett, Daniel J. Witter, and W. Brad Smith. This report is available online at: http://www.ncrs.fs.fed.us/pubs/.

TIMBER REMOVALS

- In the production of industrial roundwood in 2006, 127 million cubic feet of Missouri's growing-stock inventory was removed from timberland. About 81 percent of the growingstock removed was used for products. Another 84 million cubic feet of non-growing-stock wood material was removed from Missouri's timberland, but only 27 percent of this material was used for industrial roundwood production (table 8).
- Almost 60 percent of the total wood material harvested from Missouri's forests in 2006 was used for the production of primary wood products. The remainder was left on the ground as harvest residues (fig. 5).
- Cull trees accounted for over 69 percent of the non-growing-stock sources of roundwood used for the production of primary wood products. The remaining non-growingstock volume came from limbwood (13 percent), nonforest trees (10 percent), dead trees (7 percent), and saplings (1 percent).
- Forty-five percent of the growing-stock removals came from the Eastern Ozark Unit, 17 percent from the Prairie Unit, 15 percent from the Southwestern Ozark Unit, 14 percent from the Riverborder Unit, and 9 percent from the Northwestern Ozark Unit (table 9).
- Industrial roundwood harvesting removed 492 million board feet of wood from the sawtimber portion of Missouri's growing-stock inventory in 2006 (table 10).

HARVEST RESIDUES

- In 2006, harvesting of industrial roundwood products left 87 million cubic feet of harvest residues on the ground in Missouri (table 11)-a decrease of about 1 percent from 2003.
- The red oak and white oak species groups accounted for 72 percent of the volume of harvest residues generated in Missouri in 2006.

PRIMARY MILL RESIDUES

- In converting industrial roundwood into products such as lumber, wood pulp, and veneer, Missouri's primary wood-using industry generated 1.9 million green tons of wood and bark residues in 2006 (table 12).
- Almost fifty percent of the mill residues produced in 2006 were in the form of coarse wood residues, such as slabs and edgings.
 Fine residues made up another 29 percent of the mill residues produced, and bark residue accounted for the remaining 22 percent (fig. 6).

- Charcoal plants consumed 32 percent of the total residues produced by Missouri's primary wood-using mills in 2006. Miscellaneous uses, such as livestock bedding and mulch, used another 26 percent of the mill residues generated (fig. 7).
- Thirty-four percent of the coarse and fine wood residues were used in the production of charcoal in 2006. Another 20 percent of these wood residues were sent to pulp and particleboard plants.
- Fifty-four percent of the bark residue was used for miscellaneous uses such as mulch or livestock bedding.
- There were 186 thousand green tons, or 10 percent of mill residues, that went unused in 2006. In 2003, 7 percent of mill residues were not used.

Figure 5 - Distribution of timber removals for industrial roundwood by source of material, Missouri, 2006

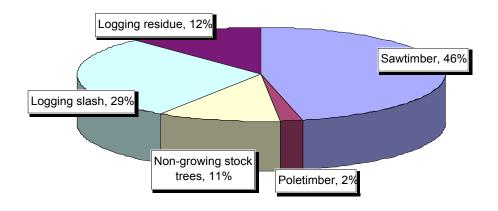


Figure 6 - Distribution of residues generated at primary wood-using mills by method of disposal, Missouri, 2006

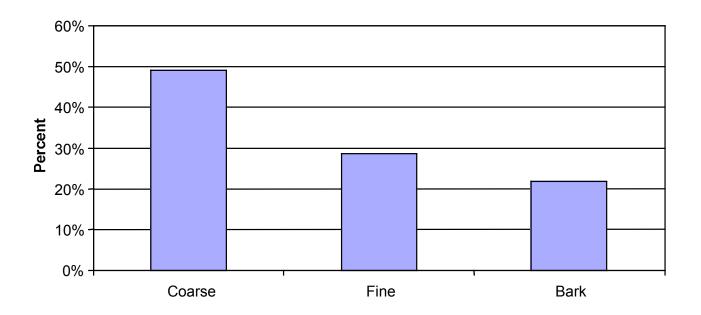
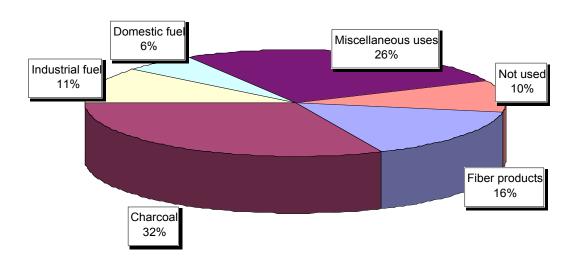


Figure 7 – Distribution of residues generated at primary wood-using mills by type of residue, Missouri, 2006



APPENDIX

STUDY METHODS

This study was a cooperative effort of the Missouri Department of Conservation (MDC) and the Northern Research Station (NRS). Using questionnaires designed and supplied by MDC and designed to determine the size and composition of the State's primary wood-using industry, its use of roundwood, and its generation and disposition of wood residues, MDC personnel visited all primary wood-using mills within the State. Followup visits were made as needed in an effort to achieve a 100-percent response. Completed questionnaires were sent to MDC for data entry and then electronically forwarded to NRS for editing and processing.

As part of data editing and processing, all industrial roundwood volumes reported on the questionnaires were converted to standard units of measure using regional conversion factors. Timber removals by source of material and harvest residues generated during logging were estimated from standard product volumes using factors developed from logging utilization studies previously conducted by NRS. Finalized data on Missouri's industrial roundwood receipts were loaded into a regional timber removals database where they were supplemented with data on out-of-State uses of Missouri roundwoods to provide a complete assessment of Missouri's timber product output.

DEFINITION OF TERMS

Board foot

Unit of measure applied to roundwood. It relates to lumber that is 1 foot long, 1 foot wide, and 1 inch thick (or its equivalent).

Bolt

A short log no more than 8 feet long, to be sawn for lumber, peeled or sliced for veneer, shaved for excelsior, or converted into shingles, cooperage stock, dimension stock, blocks, blanks, etc.

Central stem

The portion of a tree between a 1-foot stump and the minimum 4.0-inch top diameter outside bark, or point where the central stem breaks into limbs.

Coarse mill residue

Wood residue suitable for chipping such as slabs, edgings, and veneer cores.

Commercial species

Tree species presently or prospectively suitable for industrial wood products. Note: Excludes species of typically small size, poor form, or inferior quality such as hophornbeam, Osage-orange, and redbud.)

Cull removals

Net volume of rough and rotten trees plus the net volume in sections of the central stem of growing-stock trees that do not meet regional merchantability standards harvested for industrial roundwood products.

Dead removals

Net volume of dead trees harvested for industrial roundwood products.

Diameter at breast height (d.b.h.)

The outside bark diameter at 4.5 feet above the forest floor on the uphill side of the tree. For determining breast height, the forest floor includes the duff layer that may be present, but does not include unincorporated woody debris that may rise above the ground line.

Fine mill residue

Wood residue not suitable for chipping such as sawdust and veneer clippings.

Forest land

Land at least 10 percent stocked by forest trees of any size, or formerly having had such tree cover, and not currently developed for nonforest use. (Note: Stocking is measured by comparing specified standards with basal area and/or number of trees, age or size, and spacing.) The minimum area for classification of forest land is 1 acre. Roadside, streamside, and shelterbelt strips of timber must have a crown width of at least 120 feet to qualify as forest land. Unimproved roads and trails, streams or other bodies of water, or clearings in forest areas shall be classed as forest if less than 120 feet wide.

Growing-stock removals

The growing-stock volume removed from the timberland inventory by harvesting industrial roundwood products. (Note: Includes sawtimber removals, poletimber removals, and logging residues.)

Growing-stock tree

A live timberland tree of commercial species that meets specified standards of size, quality, and merchantability. (Note: Excludes rough, rotten, and dead trees.)

Growing-stock volume

Net volume of growing-stock trees 5.0 inches d.b.h. and over, from 1 foot above the ground to a minimum 4.0inch top diameter outside bark of the central stem or to the point where the central stem breaks into limbs.

Hardwoods

Dicotyledonous trees, usually broad-leaved and deciduous.

Harvest residues

The total net volume of unused portions of trees cut or killed by logging. (Note: Includes both logging residues and logging slash.)

Industrial fuelwood

A roundwood product, with or without bark, used to generate energy at manufacturing facilities, schools, correctional institutions, or electric generating plants.

Industrial roundwood exports

The quantity of industrial roundwood harvested in a geographical area and transported to other geographical areas.

Industrial roundwood imports

The quantity of industrial roundwood received from other geographical areas.

Industrial roundwood products

Saw logs, pulpwood, veneer logs, poles, commercial posts, pilings, cooperage logs, particleboard bolts, shaving bolts, lath bolts, charcoal bolts, and chips from roundwood used for pulp or board products.

Industrial roundwood production

The quantity of industrial roundwood harvested in a geographic area plus all industrial roundwood exported to other geographical areas.

Industrial roundwood receipts

The quantity of industrial roundwood received by commercial mills in a geographic area plus all industrial roundwood imported from other geographical areas.

Industrial roundwood retained

The quantity of industrial roundwood harvested from and processed by commercial mills within the same geographical area.

International 1/4-inch rule

A log rule or formula for estimating the board foot volume of logs, allowing 61/2-inch of taper for each 4-foot length. The rule appears in a number of formsthat allow for kerf. In this form, 1/4-inch of kerf is assumed. This rule is used as the USDA Forest Service standard log rule in the Eastern United States.

Limbwood removals

Net volume of all portions of a tree other than the central stem (including forks, large limbs, tops, and stumps) harvested for industrial roundwood products.

Logging residue

The net volume of unused portions of the merchantable central stem of growing-stock trees cut or killed by logging.

Logging slash

The net volume of unused portions of the unmerchantable (non-growing-stock) sections of trees cut or killed by logging.

Merchantable sections

Refers to sections of the central stem of growing-stock trees that meet either pulpwood or saw log specifications.

Net volume

Gross volume less deductions for rot, sweep, or other defects affecting use for roundwood products.

Noncommercial species

Tree species of typically small size, poor form, or inferior quality that normally do not develop into trees suitable for industrial roundwood products. Classified in volume tables as rough trees.

Nonforest land

Land that has never supported forests, and land formerly forested where use for timber management is precluded by development for other uses. (Note: Includes areas used for crops, active Christmas tree plantations, orchards, nurseries, improved pasture, residential areas, city parks, improved roads of any width and adjoining clearings, powerline clearings of any width, and 1- to 39.9-acre areas of water classified by the Bureau of the Census as land.) If intermingled in forest areas, unimproved roads and nonforest strips must be more than 120 feet wide and more than 1 acre to qualify as nonforest land.

Nonforest land removals

Net volume of trees on nonforest lands harvested for industrial roundwood products.

Poletimber

A growing-stock tree at least 5.0 inches d.b.h. but smaller than sawtimber size (9.0 inches d.b.h. for softwoods, 11.0 inches d.b.h. for hardwoods).

Poletimber removals

Net volume in the merchantable central stem of poletimber trees harvested for industrial roundwood products.

Primary wood-using mills

Mills receiving roundwood or chips from roundwood for processing into products such as lumber, veneer, pulp, etc.

Primary wood-using mill residue

Wood materials (coarse and fine) and bark generated at manufacturing plants that process industrial roundwood into principal products. These residues include wood products (byproducts) obtained incidental to production of principal products and wood materials not utilized for some product.

Rotten tree

A tree that does not meet regional merchantability standards because of excessive unsound cull.

Rough tree

A tree that does not meet regional merchantability standards because of excessive sound cull. Includes noncommercial tree species.

Roundwood

Logs, bolts, or other round sections cut from trees (including chips from roundwood).

Sapling

A live tree between 1.0 and 5.0 inches d.b.h.

Sapling removals

Net volume in saplings harvested for industrial roundwood products.

Saw log portion

That portion of the central stem of saw-timber trees between the stump and the saw log top.

Saw log top

The point on the central stem of saw-timber trees above which a saw log cannot be produced. The minimum saw log top is 7.0 inches diameter out-side bark for softwoods and 9.0 inches diameter outside bark for hardwoods.

Sawtimber removals

As used in table 8, sawtimber removals refers to the net volume in the merchantable central stem of saw-timber trees harvested for industrial roundwood products. (Note: Includes the saw log and upper stem portions of sawtimber trees.) When referring to the sawtimber volume removed from the timberland inventory as in table 10, sawtimber removals refers to the net volume in the saw log portion of saw-timber trees harvested for roundwood products or left on the ground as harvest residues, and is usually expressed in thousands of board feet (International 1/4-inch rule).

Sawtimber tree

A growing-stock tree containing at least a 12-foot saw log or two noncontiguous saw logs 8 feet or longer, and meeting regional specifications for freedom from defect.

Softwoods must be at least 9.0 inches d.b.h. and hardwoods must be at least 11.0 inches d.b.h.

Sawtimber volume

Net volume in the saw log portion of sawtimber trees.

Softwoods

Coniferous trees, usually evergreen, having needles or scale-like leaves.

Timber product output

The volume of roundwood products produced from an area's forests.

Timberland

Forest land that is producing, or is capable of producing, in excess of 20 cubic feet per acre per year of industrial roundwood products under natural conditions, is not withdrawn from timber utilization by statute or administrative regulation, and is not associated with urban or rural development.

Tree

A woody perennial plant, typically large, with a single well-defined stem carrying a more or less definite crown; sometimes defined as attaining a minimum diameter of 3 inches (7.6 cm) and a minimum height of 15 ft (4.6 m) at maturity. For FIA, any plant on the tree list in the current field manual is measured as a tree.

Upper stem portion

That portion of the central stem of sawtimber trees between the saw log top and the minimum top diameter of 4.0 inches outside bark, or to the point where the central stem breaks into limbs.

COMMON AND SCIENTIFIC NAMES OF TREE SPECIES MENTIONED IN THIS REPORT

SOFTWOODS

Eastern redcedar	Juniperus virginiana
Shortleaf pine	Pinus echinata
Eastern white pine	Pinus strobus
Other pine	
Scotch pine	Pinus sylvestris
Virginia pine	Pinus virginiana
Cypress	Taxodium distichum

HARDWOODS

Hard maple

Black maple	Acer nigrum
Sugar maple	
Soft maple	, toor dadonaram
Boxelder	Acer negundo
Red maple	
Silver maple	Acer saccharinum
Ohio buckeye	
River birch	
Hickory	Dotala Higra
Water hickory	Carva aquatica
Bitternut hickory	
Pignut hickory	
Shellbark hickory	Carva laciniosa
Shagbark hickory	Carva ovata
Black hickory	Carva tevana
Mockernut hickory	Carva tomentosa
Pecan	Carva illinoansis
Northern catalpa	
Sugarberry	Catalpa speciosa Coltis lagvigata
Sugarberry Hackberry	Coltis accidentalis
Common persimmon	
American beech	
Ash	Fagus grandilolla
	Fravinus amariaana
White ash	
Black ash	
Green ash	
Blue ash	
Honeylocust	Gleditsia triacaritrios
Kentucky coffeetree	
Butternut	
Black walnut	
Sweetgum	
Yellow-poplar	
Osage-orange	
Cucumbertree	•
Red mulberry	iviorus rupra

Tupelo	
Swamp tupelo (blackgum)	Nyssa sylvatica var
biflora	
Black tupelo	Nyssa sylvatica var
sylvatica	
American sycamore	Platanus occidentalis
Eastern cottonwood	Populus deltoides
Black cherry	
Red oak group	
Scarlet oak	Quercus coccinea
Northern pin oak	
Southern red oak	
Cherrybark oak	
pagodifolia	
Shingle oak	Quercus imbricaria
Blackjack oak	Quercus marilandica
Water oak	Quercus nigra
Pin oak	
Willow oak	
Northern red oak	
Shumard oak	
shumardii	40010010 011011101 011 1 Tal
Black oak	Quercus velutina
White oak group	4001000 TOTALINE
White oak	Quercus alba
Swamp white oak	
Overcup oak	
Bur oak	
Swamp chestnut oak	
Chinkapin oak	Quercus muehlenbergii
Post oak	
Black locust	
Black willow	
Sassafras	
American basswood	
Elm	rina arrioridaria
Winged elm	l Ilmus alata
American elm	
Slippery elm	
Rock elm	
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TABLE TITLES

Table 1 —Number of active primary wood-using mills by survey year, Missouri

Table 2 —Industrial roundwood receipts by species group and State of origin, Missouri, 2006

Table 3 —Industrial roundwood production by product, softwoods and hardwoods, and survey year, Missouri

Table 4 —Industrial roundwood production by Forest Inventory Unit, species group, and product, Missouri, 2006

Table 5 —Industrial roundwood production by Forest Inventory Unit, county, and species group, Missouri, 2006

Table 6 —Industrial roundwood production by Forest Inventory Unit, species group, and State of destination, Missouri, 2006

Table 7 — Saw log receipts and production by Forest Inventory Unit and species group, Missouri, 2003 and 2006

Table 8 — Wood material harvested for industrial roundwood by species group and source of material, Missouri, 2006

Table 9 — Growing-stock removals from timberland for industrial roundwood by Forest Inventory Unit, county, and species group, Missouri, 2006

Table 10—Sawtimber removals from timberland for industrial roundwood by Forest Inventory Unit, county, and species group, Missouri, 2006

Table 11 — Harvest residue generated by industrial roundwood harvesting by Forest Inventory Unit, county, and species group, Missouri, 2006

Table 12 — Disposition of residues produced at primary wood-using mills by Forest Inventory Unit, disposition, residue type, and softwoods and hardwoods, Missouri, 2006

TABLES

Table 1. -- Number of active primary wood-using mills by survey year, Missouri

Kind of mill					Sur	Survey Year					
and mill size	1946	1958	1969	1980	1987	1991	1994	1997	2000	2003	2006
Sawmills											
Large¹	7	2	7	80	13	17	32	32	31	34	38
Medium ²	43	103	117	163	169	172	189	212	185	170	152
Small ³	2,548	882	425	315	228	206	191	170	187	167	167
Total	2,593	066	549	486	410	395	412	417	403	371	357
Cooperage mills	85	36	36	30	70	20	12	∞	80	80	8
Veneer mills	9	က	4	4	2	4	~	_	_	_	0
Pulp mills	l	2	2	7	_	_	_	_	_	_	_
Charcoal ⁴	က	09	52	36	15	14	14	10	9	4	4
Handle mills	19	12	7	10	9	9	2	9	4	2	4
Posts and pole	9	41	22	28	23	17	တ	ဝ	∞	80	80
Other products ⁵	94	44	6	3	11	14	7	9	6	9	7
Total	213	171	132	113	81	92	49	41	37	33	32
All mills	2,806	1,161	681	299	491	471	461	458	440	404	389
1 Applied I maker production is excessed to	ove ai acitorie	lim 2 of 5 mill	lion board foot	t							

¹ Annual lumber production in excess of 5 million board feet.

² Annual lumber production from 1 million to 5 million board feet.

³ Annual lumber production less than 1 million board feet.

⁴ Includes only those charcoal operations using roundwood.

⁵ Includes plants producing shavings, cabin logs, mine timbers, poles, etc.

Table 2. -- Industrial roundwood receipts by species group and State of origin, Missouri, 2006

(In thousand cubic feet)

Eastern								5	ાલા ટ ગ ગાણા						
Eastern S,720 26 9 0 2 3,684 S,004	Species group	Total	Arkansas	Illinois	Indiana	Iowa	Kansas	Kentucky	Missouri	Nebraska	Ohio	Oklahoma Te	nnessee W	isconsin	Other States
Solution 3,720 26															
Shorteaf 4,931 129	redcedar	3,720	26	6	;	0	2	ŀ	3,684	;	;	:	:	:	;
pine 4,331 129 <	Shortleaf														
While pine 0 -	pine	4,931	129	:	;	:	:	:	4,802	:	:	:	:	:	:
Cypress 21 <t< td=""><td>White pine</td><td>0</td><td>:</td><td>1</td><td>;</td><td>1</td><td>1</td><td>1</td><td>0</td><td>ŀ</td><td>:</td><td>1</td><td>1</td><td>:</td><td>1</td></t<>	White pine	0	:	1	;	1	1	1	0	ŀ	:	1	1	:	1
Total 8,672 155 9 0 2 8,607	Cypress	21	:	1	:	:	1	:	21	:	:	1	0	:	1
Soft maple 648	Total	8,672	155	6	-	0	2	:	8,507		:	-	0	:	-
Soft maple 2,245 33 384 265 27 1,551 4 Hard maple 648 73 573 Hickory 6,747 230 321 12 17 57 6,083 Peccan 25 </td <td>Hardwoods</td> <td></td>	Hardwoods														
Hard maple 648 773 2 577		2,245	33	364	;	265	27	;	1,551	4	;	ŀ	;	:	1
River birch 57 - <t< td=""><td>Hard maple</td><td>648</td><td>:</td><td>73</td><td>ŀ</td><td>:</td><td>ł</td><td>2</td><td>573</td><td>i</td><td>;</td><td>:</td><td>0</td><td>:</td><td>1</td></t<>	Hard maple	648	:	73	ŀ	:	ł	2	573	i	;	:	0	:	1
Hickory 6,747 230 321 12 11 57 6,083 12 11 4 57 6,083 14 1 4 5 5 6,083 15 1 4 1 4 1 5 5 6,083 15 1 4 1 4 1 5 5 6 6 0 128 1 1 2 1 1 337 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	River birch	22	:	;	:	:	;	:	22	:	;	:	:	1	:
Pecan 25	Hickory	6,747	230	321	ŀ	12	1	22	6,083	i	;	1	33	:	1
Hackberry 308 4 304	Pecan	25	:	1	:	1	1	:	25	:	:	1	;	:	1
Ash 1,556 60 128 - 9 13 7 1,337 2 - Honeylocust 44 - - - - - 44 - - Back walnut 3,856 54 81 - - - 44 - - Sweetgum 327 62 - - - - 266 - - Vellow-poplar 415 - <	Hackberry	308	i	ł	ł	:	4	:	304	ŀ	:	ł	1	:	1
Honeylocust 44	Ash	1,555	09	128	:	6	13	7	1,337	2	ŀ	1	0	:	1
Black walnut 3,856 54 81 49 288 1 3,335 6 Sweetgum 327 62 265 Osweetgum 327	Honeylocust	44	:	1	:	:	1	1	44	1	:	1	1	;	:
Sweetgum 327 62 265 265	Black walnut	3,856	54	81	:	49	288	-	3,335	9	:	43	0	:	1
Vellow-poplar 415 236 3 158	Sweetgum	327	62	;	:	:	;	:	265	:	:	:	:	:	:
Osage- orange	Yellow-poplar	415	:	236	:	1	1	က	158	1	:	1	18	:	:
orange 0 0 92 92 92 -	Osage-														
Tupelo 94 2 92 92 95 95 95 95 92 92 92 95 92 92 92	orange	0	:	;	:	:	;	!	0	:	:	:	:	1	:
Sycamore 2,323 212 81 11 16 2,001 1 2,001 1 2,001 1 2,764 1 <td>Tupelo</td> <td>94</td> <td>2</td> <td>1</td> <td>1</td> <td>;</td> <td>1</td> <td>:</td> <td>92</td> <td>:</td> <td>:</td> <td>1</td> <td>1</td> <td>;</td> <td>1</td>	Tupelo	94	2	1	1	;	1	:	92	:	:	1	1	;	1
Cottonwood 3,205 4 377 41 18 2,764 1	Sycamore	2,323	212	81	:	11	16	1	2,001	-	:	1	1	:	:
Black cherry 243 111 12 0 1 119	Cottonwood	3,205	4	377	;	41	18	1	2,764	-	:	1	1	:	1
Red oak group 59,837 1,291 1,728 128 36 58 152 56,319 3 White oak group 38,579 1,078 1,455 940 37 65 344 32,813 3 Black locust 26 -	Black cherry	243	111	12	;	0	1	_	119	ŀ	:	ŀ	0	:	1
group 59,837 1,291 1,728 128 36 58 152 56,319 3 White oak group 38,579 1,078 1,455 940 37 65 344 32,813 3 849 Black locust 26	Red oak														
White oak group 38,579 1,078 1,455 940 37 65 344 32,813 3 849 Black locust 26	group	59,837	1,291	1,728	128	36	28	152	56,319	က	:	1	122	:	:
group 38,579 1,078 1,455 940 37 65 344 32,813 3 849 Black locust 26	White oak														
Black locust 26	group	38,579	1,078	1,455	940	37	9	344	32,813	က	849	1	592	18	384
Basswood 12 3 <t< td=""><td>Black locust</td><td>26</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>26</td><td>:</td><td>:</td><td>1</td><td>1</td><td>1</td><td>;</td></t<>	Black locust	26	1	1	1	1	1	1	26	:	:	1	1	1	;
Elm 505 23 3 6 4 468 Other hardwoods 0 0 Total 121,052 3,160 4,859 1,067 468 506 569 108,341 23 849	Basswood	12	:	1	:	7	က	1	9	-	:	1	1	:	:
Other 0 0 0 121,052 3,160 4,859 1,067 468 506 569 108,341 23 849	Elm	505	23	က	1	9	4	:	468	:	:	1	1	:	:
Total 121,052 3,160 4,859 1,067 468 506 569 108,341 23 849	Other	Ċ							C						
10tal 121,052 3,160 4,859 1,067 468 506 569 108,341 23 849	Tarawoods	0 20,00	: 3	:	: :	: ;	: 3	: 3		: 8	: 3	: 5	: 1	: ;	: 3
100 201 100 20 201 100 20 201 201 2010 20 010	l otal	121,052	3,160	4,859	1,067	468	909	569	108,341	23	849	43	/65	18	384
123,724 3,515 4,867 1,067 468 507 509 116,848 2.3 849	State total	129,724	3,315	4,867	1,067	468	202	269	116,848	23	849	43	292	18	384

0 = Less than 500 cubic feet. Table may not sum due to rounding.

Table 3. -- Industrial roundwood production by product, softwoods and hardwoods, and survey year, Missouri

(In million cubic feet)

					Sur	Survey Year					
Product	1946	1958	1969	1980	1987	1991	1994	1997	2000	2003	2006
				SOFTWOODS	SOOS						
Saw logs	8.3	4.1	3.3	5.5	7.8	7.5	9.3	9.5	6.5	4.7	2.7
Veneer logs	1	1	1	1	1	1	*	*	:	*	:
Pulpwood	0.1	0.1	;	;	:	1	*	0.1	:	0.2	*
Charcoal	;	1	1	;	1	1	*	*	ŀ	1	1
Cooperage logs	1	1	1	1	1	1	1	1	;	1	:
Handle bolts	:	:	;	1	1	1	:	1	;	:	:
Poles	*	0.2	0.3	;	*	ł	1	ł	0.1	1	0.5
Posts	3.2	0.8	1.2	0.5	0.7	2.6	6.0	1.1	0.7	1.1	0.7
Mine timbers	*	*	1	1	1	1	1	1	ł	1	1
Fuelwood1	0.2	0.2	0.1	:	:	*	:	:	ı	:	1
Other products ²	*	*	0.3	0.2	9.0	1.7	1.8	1.	1.5	6:0	1.7
Total	11.8	5.4	5.2	6.2	9.1	11.8	12.1	11.9	8.8	6.9	8.7
				HARDWOODS	SOOS						
Saw logs	71.1	43.7	63.0	66.2	81.9	86.2	110.7	115.5	106.6	106.5	104.3
Veneer logs	1.4	1.0	1.0	0.7	1.0	1.7	1.1	6.0	0.7	1.3	1.1
Pulpwood	0.5	0.7	1.9	1.9	2.2	1.2	1.5	4.2	8.5	7.0	2.3
Charcoal	9.0	3.2	16.7	6.2	2.7	4.6	2.4	1.2	0.8	9.0	0.7
Cooperage logs	14.9	4.5	8.9	4.7	2.0	4.8	4.2	5.1	3.3	4.9	5.3
Handle bolts	1.3	1.2	0.4	1	0.1	0.2	0.2	0.3	0.1	0.2	2.3
Poles	1	1	*	ŀ	0.1	1	1	1	;	1	*
Posts	7.8	8.8	1.3	1.2	9.0	0.5	0.2	0.3	0.1	*	*
Mine timbers	3.4	0.5	0.1	1	:	:	:	*	:	*	:
Fuelwood ¹	59.2	61.7	24.4	1	1	1	1	1	ł	ŀ	1
Other products ²	2.2	5.7	0.7	0.4	0.2	10.4	0.3	0.2	0.2	0.1	2.4
Total	162.4	131.0	118.4	81.3	8.06	109.6	120.5	127.7	120.2	120.7	116.3
All products	174.2	136.4	123.6	87.5	6.66	121.4	132.6	139.6	129.0	127.7	125.0
* I ass than 50 000 clibic feet	r foot										

^{*} Less than 50,000 cubic feet.

1 Does not include residential fuelwood.

2 Includes shavings, excelsior, cabin logs, rails, etc.

Table may not sum due to rounding.

Table 4. -- Industrial roundwood production by Forest Inventory Unit, species group, and product, Missouri, 2006

Species group MCF2 MBF1 Softwoods 3,723 9,002 Eastern redcedar 3,723 9,002 Shortleaf pine 0 0 Cypress 21 121 White pine 0 0 Cypress 21 121 Hardwoods 2,055 11,800 Soft maple 670 2,916 River birch 6,604 35,596 Hecan 31 1,800 Hickory 6,604 35,596 Persimmon 1 6 Ash 1,601 8,231 Honeylocust 44 269 Black walnut 6,138 25,691 Sweetgum 336 1,949 Yellow-poplar 6 2 Vallow-poplar 236 1,250 Osage-orange 0 2 Tupelo 94 574																20.5	/" C C C L
bedar 3,723 9 10 18 18 18 18 19 11 18 11 19 11 1	Saw loce	Veneer logs	000	Poowolid		Charcoa		Comerade	٩	Handler		Polog		Poete		Cabil	Excelsior/ shavings
redcedar 3,723 fipine 4,940 ne 21 shippine 670 ch 6,604 ch 7,001 ry 321	Ď	l	262				1	1000			֓֞֜֜֜֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓					262	
redcedar 3,723 nne 4,940 nne 21 8,684 2 sle 2,055 sple 6,70 ch 6,604 3 non 1,601 cust 6,138 2 nm 356 ooplar 236 orange 94	BF MCF	MBF	N N	Cords	N Z	Cords	MC T	MBF	Z Z	MBF	Z Z	Pleces	NCT.	M pieces	ĭ Z	MC T	M Z
edcedar 3,723 pine 4,940 10 21 10 2,065 10 6,604 10 6,604 10 7 10																	
pine 4,940 21 21 21 21 321			I	ı	1	1	1	1	1	ı	1	1	:	:	1	2	1,279
le 21 8,684 2 9,684 2 10 2,055 31 10 2 321 11,601	,924 3,287		ı	59	7	1	1	1	1	1	1	177,826	533	954	735	19	364
8,684 3 21	0	- 0	1	1	;	1	ŀ	1	1	1	1	1	;	1	ŀ	1	1
8,684 2 2,055 3 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	121 21	-	1	1	;	1	ŀ	1	1	1	1	1	;	1	ŀ	1	1
le 2,055 7 sh 6,604 57 sh 6,604 31 y 321 on 1,601 ust 6,138 5 m 356 on 356 ange 94	,047 5,750	0	1	29	2	1	ı	:	1	-	1	177,826	533	954	735	21	1,643
2,055 670 670 6,604 31 321 321 1,601 st 6,138 1,601 st 6,138 1,601 st 236 lar 236 94																	
maple 670 birch 57 ry 6,604 31 berry 321 mmon 1,601 rylocust 44 cwalnut 6,138 35 stgum 356 w-poplar 236 w-poplar 236 le-orange 0	,800 1,943	9	_	1,273	101	ı	ı	1	ı	1	ı	1	1	0	0	ı	6
berry 6,604 ; n 31 berry 321 mmon 1,601 sylocust 6,138 ; stgum 356 w-poplar 236 je-orange 0	,916 480	0 40	6	874	69	0	0	i	ı	1	ı	1	1	0	0	ı	111
berry 6,604 ; berry 321 mmon 1,601 sylocust 6,138 ; stgum 356 w-poplar 236 je-orange 0	297 49	1	1	101	∞	1	1	1	1	1	1	ı	;	1	1	1	1
berry 321 mmon 1,601 sylocust 6,138 256 stgum 356 w-poplar 236 je-orange 0	,596 5,863	3 447	102	4,312	341	755	23	1	1	141	23	1	;	0	0	1	223
wmon 1,601 ylocust 44 c walnut 6,138 256 stgum 356 w-poplar 236 w-poplar 236 ie-orange 0	186 31	-	1	1	;	1	1	1	1	1	1	1	;	1	1	1	1
mmon 1,601 ylocust 44 c walnut 6,138 25 stgum 356 w-poplar 236 w-poplar 236 le-orange 0	1,950 321	-	1	ı	;	1	1	1	1	1	ı	1	;	1	1	1	1
1,601 vylocust 44 c walnut 6,138 2 stgum 356 w-poplar 236 w-poplar 236 w-poplar 94	9	-	1	1	;	1	ı	1	1	1	1	1	;	1	ı	1	1
6,138 356 236 0 0	,231 1,356	137	31	1,153	91	ı	ı	i	ı	269	112	1	1	1	ı	-	10
6,138 356 236 0 0	269 44	-	1	-	;	1	1	1	1	1	1	1	;	1	1	1	-
356 236 0 94	,691 5,624	2,322	504	121	10	1	ı	1	1	1	ı	1	;	0	0	0	1
236		-	1	438	35	1	1	1	1	1	1	1	;	1	1	1	1
0 6		6	2	354	28	1	1	1	1	1	1	1	:	1	1	1	1
94		- 0	1	1	;	1	ŀ	1	1	1	1	1	:	1	ŀ	1	1
	574 94	-	1	1	;	1	ŀ	1	1	1	1	1	;	1	ŀ	1	1
Sycamore 2,047 11,109	,109 1,830	0	1	745	29	1	1	1	1	1	1	1	;	1	1	-	159
Cottonwood 2,830 19,750	,750 2,793	1	1	352	28	1	1	1	1	1	1	1	:	1	1	1	10
	830 137	7 31	7	1	;	0	0	1	1	1	1	1	;	1	1	1	1
Red oak group 57,963 312,328	,328 55,594	4 453	104	8,847	669	8,388	282	1	1	1	ı	7,856	31	10	9	51	892
White oak group 34,571 152,455		1,586	363	10,097	798	589	4	32,208	5,308	1	ı	2,576	10	7	4	21	890
26	155 26	1	ı	ı	1	ı	ı	i	ı	1	ı	1	1	1	ı	ı	1
Basswood 19 11	117 19		ı	-	ŀ	1	ı	1	ı	1	1	1	1	1	i	-	:
Elm 540 2,86	2,864 472	2	_	734	28	1	1	1	1	1	1	1	;	1	1	-	0
Other hardwoods 0	2	0	-	-	;	-	1	-	-	1	1	1	;	-	1		1
Total 116,349 590,326	,326 104,341	1 5,035	1,124	29,402	2,323	9,733	681	32,208	5,308	838	135	10,432	41	17	10	73	2,313
State total 125.033 618,374	374 110,090	0 5.035	1,124	29,432	2,325	9,733	681	32,208	5.308	838	135	188,258	574	971	745	94	3,956

(Table 4 continued on next page)

(Table 4 continued)

All A																
•															Cabin	Excelsior/
Š	Saw logs	Veneer logs	gs	Pulpwood		Charcoal	ŏ	Cooperage	Handles	es	Poles		Posts		logs	shavings
99	661 179	-	ı	1	:	1	-	1	1	ı	1	1	1	ı	7	80
3,221 15,515	15 2,695	1	i	28	7	-	1	-	1	ı	51,873	156	469	361	7	1
4	80 14		1	1	;	1	1	-	1	1	1	1	1	1	1	1
3,496 16,256	56 2,888			28	2	-			-		51,873	156	469	361	6	80
172 9.	910 150	- 0	1		22	1	1	1	1	1	1	1	1	1	1	1
237 89	890 147	10	7	493	39	1	1	-	1	1	1	;	1	1	1	49
3,777 20,735	35 3,415	29	7	2,777	219	492	34	1	17	က	1	1	i	ı	ı	66
	12		ı	1	:	1	-	1	1	ı	1	1	1	ı	ı	1
0	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
394 1,559	59 257	2	1		25	1	-	1	069	111	1	1	:	1	_	0
160 69	698 153	32	7	1	;	1	1	1	1	1	1	:	1	1	1	:
217 1,166	66 192		1	319	25	1	1	-	1	1	1	:	1	1	i	:
36 18	199 33	3	0	36	က	1	1	-	1	1	1	;	1	1	i	!
	150 25	- 1	1	ı	;	1	1	-	1	1	1	:	1	1	1	:
307 1,527	27 252		1	73	9	1	1	-	1	1	1	:	1	1	1	49
110 7.	776 110	- 0	1	ŀ	;	1	1	1	1	1	1	;	1	1	1	1
28 14	140 23	19	4	1	;	1	1	1	1	1	1	:	1	1	1	:
32,102 172,548	48 30,714		1	6,440 5	209	6,428	450	-	1	1	009	7	_	0	31	396
13,636 63,321	21 11,271	1 99	23	7,543 5	969	328	23 7,9	7,978 1,315	1	1	150	_	0	0	12	395
168 82	827 136	1	1	401	32	1	1	-	1	1	1	:	ŀ	1	1	1
51,370 265,460	60 46,878	190	43	18,688 1,4	1,476 7	7,248	507 7,9	7,978 1,315	202	114	750	3	1	0	44	686
54,866 281,716	16 49,766	190	43	18,716 1,4	1,479 7	7,248	5'1 209	7,978 1,315	202	114	52,623	159	470	361	23	1,069

	0	121,044 363 428 330 9 364	121,044 363 428 330 9 364		1 1	1 1		1	1	-	0	-	-	1	-	-	-	1	1	-	9 3	338 12 364
	:	121,044 363 428 330	121,044 363 428 330		1	1	1	1	1	1	1							1	4			
	:	121,044 363 428	121,044 363 428		1	1	1	1				1	1	1	1	1	1	2	4	-	6	338
	1	121,044 363	121,044 363		1	1			1	1	!											
	1	121,044	121,044				:				Ċ	1	;	:	;	:	1	6	9	-	15	443
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	1	-	-		1	1	1	1	1	1	1	:	1	1	1	1	1	1	1,135	:	1,135	1,135
	ı		-		1	1	6	1	1	1	1	1	ı	;	1	1	1	128	6	-	146	146
	1	-	-		1	1	130			1	1	1	1		1		1	330	130	-	060	2,090
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	1		-		1	0	15	1	1	က	20	!	1	1	1	1	_	4	!	1	73	73
	ı		-		!	7	64	1	1	14	231	1	!	1	1	1	7	19	1	-	332	332
	1,341	471	1,812		16	52	738	09	0	147	1,404	21	က	40	196	21	49	9,943	3,875	6	16,549	18,361
	4,946	2,709	7,655		26	154	4,483	367	_	895	6,414	127	16	244	1,187	120	300	2,860	1,770	22		99,775 18,361
					16	56		09	0	152		21	က	40		21	20			6		19,887 99
	Ť.	1,,	2,								7,							10,	4,		17,	19,
ftwoods	Eastern redcedar	Shortleaf pine	Total	ardwoods	Soft maple	Hard maple	Hickory	Hackberry	Persimmon	Ash	Black walnut	Sweetgum	Yellow-poplar	Tupelo	Sycamore	Cottonwood	Black cherry	Red oak group	White oak group	Elm	Total	Unit total
		redcedar 1,341 4,946 1,341	1,341 4,946 1,341 -	redcedar 1,341 4,946 1,341	Fedcedar 1,341 4,946 1,341	redcedar 1,341 4,946 1,341	Federace 1,341 4,946 1,341	Fredeeder 1,341 4,946 1,341	Federal Ti,341 4,946 1,341													

(Table 4 continued on next page)

(Table 4 continued)

Substitution Proof of the p																				
Period 459 1,200 300	Species aroun	All	S.	800	Venger	500	Pulpwoo		Charcoal		Cooperac	4	Hand		Poles		Posts			Excelsior/
Mathematical Math	Softwoods																		1	0
Mail	Eastern redcedar	499	1,208		1	1	1	1	1	1	1	1	1	1	1	;	;	1	0	171
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Shortleaf pine	122	362	63	-		-				:	-	-	-	4,909	15	22	44	0	
total size and state of the state	Total	621	1,570		1	1	1	:	1	-	1	1	1	1	4,909	15	22	44	0	171
ways the field 251 41 = = = = = = = = = = = = = = = = = =	Hardwoods																			
Helponia (Control of Algorian Proprieta (Control of Algorian P	Soft maple	44	251	4	1	1	!	:	ı	1	:	ı	1	1	I	:	1	1	1	(1
Fig. 1859 1273	Hard maple	1	9		1	1	ı	1	0	0	1	1	1	ı	1	;	:	ı	1	1
Figure 1	Hickory	282	1,659		1	ı	I	1	130	တ	1	ı	1	ı	1	;	;	ı	ı	1
Maintain See 224 See 234 See	Hackberry	4	23	4	1	1	1	1	1	1	1	1	1	1	1	;	1	1	1	1
werful 455 2.139 4.65 7.8 1.7 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	Persimmon	0	_	0	1	1	1	:	1	1	:	1	1	1	1	:	1	1	1	:
way with the state of \$1.10 144 75 71 71 71 71 71 71 71	Ash	56	324	53	1	ı	1	1	1	1	:	ı	ı	ı	1	i	1	1	1	(1
woode 56 17 1.12 1142 1144	Black walnut	485	2,139		78	17	1	1	1	1	1	1	1	1	1	;	ŀ	1	0	1
wwood 50 336 48 -	Sycamore	187	1,120		1	1	1	1	1	1	1	1	1	1	1	;	;	ı	1	2
According 4,422 24,76 4,477 3.2. According 4,432 24,76 4,42 3.2. According 4,432 24,76 4,477 3.2. According 4,432 24,76 4,477 3.2. According 4,432 24,76 4,477 3.2. According 4,432 24,76 4,42 3.2. According 6,432 24,76 4,42 3.2. According 6,432 24,76 4,42 3.2. According 6,432 24,72 34,72	Cottonwood	50	336		1	1	1	:	1	1	:	1	1	1	1	:	1	1	1	(1
akegoup 4422 15/761 4407 13130 9 5.25 977 150 9 1 5.25 9 977	Black cherry	_	7	_	1	ı	1	1	1	ı	1	ı	ı	ı	1	;	1	ı	ı	1
eak group 4384 25.16 34.94 25.26 94.73 1	Red oak group	4,422	24,761		ı	ŀ	ı	1	130	o	:	1	;	1	1	;	1	1	9	1
10,477 20,826 94.39 76 17 1.0	White oak group	4,934	22,150		1	ı	1	1	130	တ	5,928	977	ı	ı	1	i	1	1	5	1
110477 52.829 94.33 779 17 391 27 6.928 977 4.909 15 57 44	Elm	11	52	တ	ı	1	ı	1	1	1	1	1	1	1	1	;	ŀ	1	1	(1
1,008 6,1,399 9,824 78 17 391 27 6,928 9,77 4,909 15 57 44	Total	10,477	52,829		28	17	1	1	391	27	5,928	977	1	1	1	1	1	1	11	12
Prairie Unit is a consideration of the consideratio	Unit total	11.098	54,399		78	17	1	;	391	27	5.928	977	:	1	4.909	15	22	44	12	183
National Control Con																				
The deceded To 166 29	Societies							-	<u> </u>			\mid								
ld size	Fastern redoedar	70	106	50	1	1	1	1	1	1	1	1	1	1	1	;	;	1	1	42
Handwoods Hiscolar Histolar Hiscolar Histolar Histola	Total	70	106	29	1	1	1	1	1			1		1		1	1	1	1	42
sizele 1,520 9,125 1,503 6 1 114 9 -	Hardwoods							-		\vdash				Ī		l				
naple 58 336 56 9 2 -	Soft maple	1,520	9,125		9	-	114	0		1	:	1	1	1		:	0	0	1	7
birch 47	Hard maple	58	336		O	7	1	1	1	1	1	1	1	1	1	1	0	0	1	1
y 882 5,173 882 130 30 3 0	River birch	47	263		1	1	44	က	1	1	1	1	1	1	1	;	:	1		1
15 15 15 15 15 15 15 15	Hickory	882	5,173	ω	130	30	1	:	က	0	:	1	1	1	1	;	0	0	1	1
left year of the construction of the constr	Pecan	15	88		1	i	!	:	1	1	:	ŀ	i	ŀ	1	;	:	!	1	:
March Marc	Hackberry	231	1,403		1	i	1	:	1	ŀ	:	1	1	ŀ	1	:	1	1	1	:
Maintain to the state of the	Persimmon	0	2		1	1	1	1	1	1	:	1	1	1	1	:	:	ı	1	:
Modelate 44 269 44.669 47.67 37.6 60 5	Ash	649	3,850		17	4	49	4	1	1	:	1	1	1	1	1	:	1	1	7
Walnut 3,516 14,327 3,136 1,27 3,56 60 5 - </td <td>Honeylocust</td> <td>44</td> <td>697</td> <td></td> <td> </td> <td>1 1</td> <td>1 6</td> <td>: "</td> <td>1</td> <td>1</td> <td>:</td> <td>1</td> <td>:</td> <td>1</td> <td>1</td> <td>:</td> <td>1 "</td> <td>1</td> <td>1</td> <td>:</td>	Honeylocust	44	697			1 1	1 6	: "	1	1	:	1	:	1	1	:	1 "	1	1	:
Significant Fig. 18 Signif	Black walnut	3,516	14,327		1,727	3/5	09	2	1	1	:	1	1	1	1	:	0	0	ı	1
Forminge 842 4,990 822 167 13	Sweetgum	0	36		1	i	1	1	1	1	1	1	1	1	1	:	:	1	1	:
right 0442 4,390 0624 4,390 0624 4,390 0624 4,390 0624	Osage-Orange	0.50	7 000		ı	I	1 07	1 5	1	1	1	1	1	1	1	:	1	:	1	:
Wood 2,1050 14,501 2,1070 14,01 1,101 <	Sycamore	242	4,990		1	1	107	2 2	1	ı	:	1	1	1	1	:	:	ı	1	· r
akgroup 6,019 33,756 6,009 4,3 10	Cottonwood	2,093	14,072		ı	1	04		1	1	:	1	1	1	1	:	:	ı	1	
angroup 5,907 25,109 4,469 178 41 11 0 0 0 0	Dod ook group	000	22 756		v 5	> 5	!	:	1	1	:	:	:	1	1 7	1	1	1	:	:
Coak group Coa	White ook group	0,018	25,730		5 5	2 5	!	:	1 0	1 0		1 207	1	1	- 7	0 0	0 0	0	:	:
1	Rlack locust	2,907	130		2 1	F 1		: :	۱ ۲	۱ ۲		5,-			= 1	2 1	2 :	۱ ۲	1 1	! !
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hardwoods 0 1.7 2 20.254 2.112 463 576 45 3 0 8,475 1,397 22 0 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	Flm	290	1715		: :	1 1		: :	1 1	1 1	: :		1 1		1 1	: :	: :	1 1	1	
22,196 115,582 20,254 2,112 463 576 45 3 0 8,475 1,397 22 0 2 1	Other hardwoods	067	2,		: :	: :		: :	1 1		: :		: :		1	:	: :	1		-
22 2566 1156 RR 20128 3 2112 463 4576 45 3 0 8 475 1307 22 0 0 2 1	Total	22 196	1		2112	463	576	45	er.	С		1 397	1	1	22	C	2	-	1	36
	10+0++:011	22, 72			į c	163	5.5	3 4	0 0) (0,175	1 207		T	1 8) <	ıc			

(Table 4 continued on next page)

(Table 4 continued)

Spheroestorp products Saw logs Venerologs Pullywood Charcosal Cooperage Handles Polise Polise<	products cedar 1,551 2 ne 61 7 7 1,619 2	ıw logs	Voncor loc			_			_		_		_		_	_	Excelsior/
2.000 664	redcedar 1,551 2, 2 if pine 61		SOI 199119.	S	Pulpwood	U	harcoal	Coope	rage	Handle		Poles		Posts		-	shaving
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1417 233	302			\vdash		L											
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3,815 539 212 17	516					40			1	1	1	1	;	1	1	1	7
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nal 1/4-inch rule.	16,915		2,322		40	01			1,432	104	17	1	-	:	-	17	2,26
1 Thousand board feet, International 1/4-inch rule. 2 Thousand cubic feet.	ess than 1/2 unit of measure																
2 Thousand cubic feet.	nousand board feet, International 1/4-inc	th rule.															
	nousand cubic feet.																

Thousand cubic feet.
 Standard cords are 128 cubic feet consisting of 79 cubic feet of wood and 49 cubic feet of bark and air space.
 Table may not sum due to rounding.

Table 5. -- Industrial roundwood production by Forest Inventory Unit, county, and species group, Missouri, 2006

(In thousand cubic feet)

			Š	Softwoods					I I	Hardwoods			
Forest Inventory Unit and county	All species	Eastern	Shortleaf pine	White	Cvpress	Total	Soft	Hard	River birch	Hickory	Pecan	Hack- berry	Ash
Eastern Ozark Unit	-		-	-	5		-	-				,	
Bollinger	3,451	1	12	;	_	13	27	92	:	325	;	0	166
Butler	2,021	0	127	ı	13	140	17	4	1	192	ŀ	_	11
Carter	4,935	20	454	1	1	475	25	16	:	388	i	:	36
Crawford	2,327	100	32	:	1	132	о	11	:	79	:	:	ω
Dent	2,704	_	176	ł	ł	177	1	0	1	75	:	1	9
Iron	4,004	19	150	ŀ	1	169	2	4	1	127	ŀ	:	4
Madison	4,028	19	217	ı	ı	236	0	25	1	300	ŀ	0	12
Oregon	5,503	16	103	1	1	119	1	20	1	629	:	:	29
Reynolds	5,834	10	384	1	1	393	12	:	:	304	:	:	4
Ripley	4,302	19	332	ł	ł	351	39	0	1	490	:	1	39
Shannon	6,658	_	734	ŀ	I	735	1	ŀ	ŀ	399	ŀ	:	ŀ
St. Francois	1,548	1	21	ł	1	31	:	2	ŀ	88	ŀ	:	10
Washington	2,680	45	211	:	1	256	6	10	:	40	:	1	9
Wayne	4,871	0	268	:	-	268	32	46	-	341	-	0	24
Total	54,866	261	3,221	:	14	3,496	172	237	:	3,777		2	394
Southwestern Ozark Unit	Jnit												
Barry	1,406	39	:	1	1	39	_	_	:	47	;	31	54
Christian	233	20	1	ł	ł	20	1	1	1	10	:	1	~
Douglas	2,545	28	17	1	1	45	80	4	1	66	:	:	12
Howell	3,684	1	113	1	1	113	1	20	1	324	:	:	45
McDonald	2,050	:	1	:	1	:	4	_	1	22	1	22	22
Newton	756	:	1	1	1	1	က	:	1	14	1	က	2
Ozark	1,853	857	12	1	1	869	1	:	1	40	1	1	~
Stone	112	30	:	ŀ	I	30	1	0	ŀ	20	ŀ	5	80
Taney	360	351	:	1	I	351	1	:	;	0	ŀ	1	;
Texas	5,241	0	1,365	1	1	1,365	1	:	1	140	1	1	;
Webster	403	18	1	1	1	18	1	:	1	က	1	:	;
Wright	1,245	:	30	:	1	30	1	1	:	11	1	1	7
Total	19,887	1,341	1,537	:	:	2,878	16	26	:	992	:	09	152
													Ĺ

(Table 5 continued on next page)

(Table 5 continued)

							Hardwoods	spoo						
Forest Inventory	Honey-	Black	Sweet-	Yellow		Syca-	Cotton-	Black	Red oak	White	Black		Other	Total
Unit and county	locust	walnut	gum	poplar	Tupelo	more	wood	cherry	group	oak group	locust	Elm ha	hardwoods	hardwoods
Eastern Ozark Unit														
Bollinger	1	1	9	21	7	84	1	6	1,407	1,253	ŀ	15	0	3,438
Butler	1	_	7.1	:	_	23	23	_	1,078	451	ŀ	7	0	1,881
Carter	:	18	4	:	:	26	:	:	2,869	1,074	;	4	:	4,460
Crawford	:	ო	က	:	:	31	:	:	882	1,159	:	1	0	2,195
Dent	:	1	:	:	;	14	:	;	1,583	843	:	9	:	2,527
Iron	:	2	:	:	_	-	:	ŀ	2,979	714	;	:	:	3,835
Madison	1	28	4	0	12	23	-	13	2,292	1,072	ŀ	တ	:	3,792
Oregon	1	39	34	1	:	23	17	က	3,375	1,126	1	52	:	5,384
Reynolds	1	31	4	1	:	:	0	:	4,052	1,020	1	4	:	5,441
Ripley	1	ဇ	62	14	1	10	26	:	2,258	096	1	31	:	3,951
Shannon	:	ŀ	0	:	:	ŀ	:	ŀ	4,397	1,127	;	:	:	5,923
St. Francois	:	12	ŀ	:	:	11	_	0	778	809	;	2	:	1,517
Washington	1	က	0	:	:	16	0	0	1,397	935	1	7	:	2,424
Wayne	-	7	13	1	4	44	21	1	2,756	1,294	-	19	:	4,603
Total		160	217	36	25	307	110	28	32,102	13,636	-	168	0	51,370
Southwestern Ozark Unit	Jnit													
Barry	1	159	18	_	_	17	4	0	693	341	1	:	:	1,367
Christian	1	62	1	:	:	:	:	1	88	51	1	0	:	214
Douglas	1	151	ŀ	1	∞	40	:	17	1,536	623	ŀ	2	0	2,500
Howell	1	100	1	1	1	9	17	16	2,176	800	1	7	:	3,571
McDonald	1	183	က	_	29	36	:	1	1,221	472	1	:	:	2,050
Newton	1	202	:	1	2	က	1	:	447	80	ł	1	1	756
Ozark	1	26	1	1	1	22	1	16	502	306	1	1	:	985
Stone	ŀ	12	;	ŀ	1	7	ŀ	;	22	13	ŀ	ŀ	ŀ	82
Taney	;	2	:	1	1	ŀ	1	:	2	2	;	1	1	6
Texas	1	115	ŀ	:	:	7	:	:	2,655	964	1	:	:	3,875
Webster	1	134	:	1	1	1	1	1	186	63	1	1	:	385
Wright	:	238	:	:	:	8	:	:	581	370	1	:	:	1,215
Total	:	1,454	21	3	40	196	21	20	10,110	4,086	:	6	0	17,009

(Table 5 continued on next page)

(Table 5 continued)

			Sc	Softwoods						Hardwoods			
Forest Inventory	All	Eastern	Shortleaf	White		Total	Soft	Hard	River	ر ترم احتا	2000	Hack-	4
Unit and county Northwestern Ozark Hnit	species	legnegal	ם ב	ם פ	Cypless	SOLIWOODS	- I a pie	IIIaDia		TICRUIY	בפרמ	Delly	ASII
Benton	517	30	ŀ	ł	1	30	0	ł	1	16	ŀ	ŀ	0
Camden	1.079	130	:	:	:	130	1 ;	:	:	<u>-</u>	:	;	ı -
Cedar	336	ŀ	1	1	1	:	41	1	1	38	1	1	16
Dallas	754	29	;	ł	ŀ	29	;	ł	:	27	1	~	7
Hickory	726	19	:	ł	ŀ	19	1	ŀ	:	26	1	ŀ	-
Laclede	479	19	က	ŀ	ŀ	22	;	1	:	9	1	ŀ	_
Maries	1,743	:	:	1	1	:	19	0	1	14	1	2	9
Miller	1,716	217	ı	1	1	217	0	0	1	2	:	ŀ	0
Morgan	629	19	ı	1	1	19	2	0	1	4	:	0	:
Phelps	1,986	_	70	1	1	72	_	_	:	87	:	:	4
Polk	376	i	:	1	1	:	:	1	:	40	1	:	4
Pulaski	595	4	48	ł	1	52	-	1	1	6	1	ł	_
St. Clair	132	i	;	ł	ł	;	2	ł	:	6	1	ŀ	o
Total	11,098	499	122		 -	621	44	-	 -	282	:	4	56
Prairie Unit													
Adair	688	1	:	:	:	:	31	7	:	24	:	:	4
Andrew	19	:	:	:	:	:	:	:	:	:	:	:	:
Atchison	87	i	:	1	1	:	က	:	:	1	1	2	:
Audrain	009	1	1	1	1	1	24	7	1	24	1	1	2
Barton	252	:	1	1	1	:	10	1	1	12	1	2	∞
Bates	157	10	ŀ	ŀ	ŀ	10	_	ŀ	1	17	80	10	4
Buchanan	224	:	1	1	1	:	31	1	:	1	:	1	9
Caldwell	235	:	:	;	:	:	30	ŀ	:	က	:	:	20
Carroll	564	;	:	1	1	:	97	1	1	16	1	:	38
Cass	က	:	1	1	1	:	:	1	1	1	1	:	:
Chariton	821	i	ı	1	:	:	100	1	13	25	:	13	38
Clark	873	:	1	1	1	:	53	_	1	38	1	1	22
Clinton	9	:	:	1	1	:	:	1	1	1	1	:	:
Cooper	280	23	1	1	1	23	23	1	က	7	1	က	o
Dade	209	1	1	1	1	1	က	1	:	51	1	23	30
Daviess	455	:	1	1	1	:	42	1	:	19	1	1	42
De Kalb	43	:	:	ŀ	:	:	2	ŀ	1	~	1	:	2
Gentry	176	:	:	1	:	:	80	1	:	-	1	:	2
Greene	200	:	:	;	:	:	:	0	:	15	:	;	က
Grundy	424	:	:	1	:	:	91	1	:	က	:	;	39
Harrison	286	i	;	;	;	;	28	0	:	17	:	;	26
Henry	က	i	;	ŀ	:	:	i	ŀ	:	:	:	ŀ	:
Holt	96	i	:	1	:	:	က	1	:	:	1	2	:
Jackson	0	i	:	ł	1	:	ł	ł	1	1	1	ł	:
Jasper	996	:	:	ł	1	;	80	1	1	94	1	30	30
Johnson	104	1	ł	;	1	:	i	:	:	:	:	ŀ	:
Knox	370	i	;	ł	ŀ	;	29	က	:	21	1	ŀ	4
Lafayette	163	i	1	1	1	:	2	:	:	1	1	1	2
	10000												

(Table 5 continued on next page)

(Table 5 continued)

							Hardwoods	spoo						
Forest Inventory	Honey-	Black	Sweet-	Yellow		Syca-	Cotton-	Black	Red oak	White	Black			Total
Unit and county	locust	walnut	gum	poplar	Lupelo	more	poow	cherry	group	oak group	locust	Elm ha	hardwoods	hardwoods
Northwestern Ozark Unit	Unit													
Benton	ł	22	1	ŀ	ŀ	7	2	1	509	228	ŀ	7	ŀ	488
Camden	;	37	:	;	:	_	1	1	386	522	:	:	;	948
Cedar	;	27	:	:	;	11	9	:	116	108	;	ŀ	1	336
Dallas	:	44	1	:	:	12	:	0	318	281	1	:	1	695
Hickory	;	123	1	ŀ	;	24	:	ŀ	284	251	!	ŀ	1	707
Laclede	:	69	1	:	:	~	1	1	255	125	1	ł	;	457
Maries	;	29	:	:	;	33	33	-	191	835	!	4	;	1,743
Miller	:	9	1	:	:	7	2	:	614	864	1	1	ł	1,499
Morgan	:	က	:	:	:	2	2	:	194	434	1	:	1	640
Phelps	:	30	:	:	:	74	:	:	811	903	:	4	:	1.914
Polk	;	30	:	:	;	. 4	;	:	156	134	;		C	376
Pulaski	;	30	:	:	1	. 21	-	1	265	222	:	-)	542
St. Clair	:	27	:	:	:	i ro	. 4	:	47	27	:		0	132
T-4-1		1 0				707				100		7		10.474
I Diai	:	400	:	:	:	/01	OC	-	4,422	4,804	:	=	>	10,477
Adair	;	171	;	;	1	က	62	_	186	189	ŀ	∞	9	688
Andrew	:	0	1	:	:	:	16	:	2	-	1	:	0	19
Atchison	:	18	1	:	:	;	09	:	1	m	:	1	1	87
Audrain	1	28	1	1	:	17	18	0	127	354	1	9	1	009
Barton	1	119	1	1	1	8	က	1	99	24	1	1	0	252
Bates	4	29	:	:	;	~	:	7	36	32	:	4	0	147
Buchanan	;	128	:	:	;	12	7	:	17	17	:	;	9	224
Caldwell	S	6	:	:	;	4	25	:	20	51	:	က	;	235
Carroll	S	114	1	1	;	48	28	-	108	74	1	9	:	564
Cass	1	က	1	1	1	1	ł	1	1	1	1	ł	1	3
Chariton	2	15	1	ł	1	74	92	0	295	137	က	13	1	821
Clark	က	113	1	:	;	10	94	2	304	211	:	21	~	873
Clinton	:	i	:	:	:	0	ო	:	0	2	;	ŀ	ł	9
Cooper	;	125	1	1	;	25	18	-	35	10	1	7	1	257
Dade	:	116	1	:	:	17	က	;	201	164	1	:	1	209
Daviess	ı	1	ŀ	:	ı	25	184	:	64	99	:	15	1	455
De Kalb	;	0	:	:	;	2	26	:	4	4	1	_	0	43
Gentry	:	118	1	:	:	2	19	0	18	9	:	_	0	176
Greene	1	387	-	1	1	2	ł	1	101	190	1	ł	1	200
Grundy	;	0	1	1	;	12	156	1	22	28	1	6	ł	424
Harrison	ı	25	ŀ	:	ı	15	117	:	25	22	:	12	1	286
Henry	1	1	ŀ	:	ı	1	ı	:	1	က	:	1	1	က
Holt	:	∞	1	:	:	;	80	:	1	က	1	:	;	96
Jackson	:	;	:	;	:	;	1	0	:	:	;	:	1	0
Jasper	1	259	ł	1	1	21	9	1	364	154	1	1	1	996
Johnson	ŀ	104	ŀ	1	ŀ	ŀ	1	1	ŀ	1	ŀ	1	ŀ	104
Knox	1	47	ŀ	1	ŀ	က	28	-	94	86	ŀ	∞	4	370
Lafayette	2	43	:	:	:	35	1	0	36	35	;	ŀ	ł	163

(Table 5 continued on next page)

(Table 5 continued)

			Š	Softwoods					Ĭ	Hardwoods			
Forest Inventory	ΙΗ	Eastern	Shortleaf	White		Total	Soft	Hard	River			Hack-	
Unit and county	species	redcedar	pine	pine	Cypress	softwoods	maple	maple	birch	Hickory	Pecan	berry	Ash
Prairie Unit continued													
Lawrence	1,032	1	ł	1	1	:	1	1	1	22	1	29	78
Lewis	785	;	:	1	1	:	62	-	ł	29	1	1	18
Lincoln	807	0	ŀ	ŀ	ŀ	0	44	22	ŀ	33	:	2	2
Linn	511	i	ŀ	:	ŀ	i	66	_	ł	22	:	6	20
Livingston	762	i	ı	1	:	ŀ	108	:	ŀ	15	:	6	48
Macon	992	_	:	;	:	_	24	-	ო	25	:	က	6
Marion	231	:	:	1	1	:	18	ო	2	∞	1	2	2
Mercer	4	i	:	1	ı	:	ı	:	ŀ	:	1	ŀ	;
Monroe	768	i	ŀ	1	ı	:	33	2	4	36	1	4	2
Nodaway	75	i	i	:	:	i	:	:	ŀ	:	:	ı	:
Pettis	128	18	ŀ	1	:	18	က	:	ŀ	0	:	0	က
Pike	933	0	:	1	:	0	45	7	1	26	;	6	23
Platte	о	i	:	:	:	i	;	0	1	9	:	ŀ	0
Putnam	297	0	ŀ	:	ŀ	0	31	_	ł	7	:	0	2
Ralls	396	0	i	:	:	0	18	ო	ŀ	20	:	ı	4
Randolph	1,687	:	:	;	:	:	49	-	17	23	2	17	18
Ray	291	;	:	1	1	:	16	0	ł	13	1	1	16
Saline	425	9	ŀ	ŀ	ŀ	9	31	1	ŀ	14	:	ŀ	26
Schuyler	632	~	ŀ	ŀ	ŀ	_	20	_	ŀ	တ	1	ŀ	ဇ
Scotland	718	:	:	;	1	:	173	_	ŀ	15	:	;	9
Shelby	774	0	:	1	:	0	27	ო	4	25	1	4	10
Sullivan	243	:	1	1	1	:	26	_	1	14	1	1	~
Vernon	554	10	1	1	1	10	13	:	-	73	2	26	18
Worth	6	-	1	-	-	-	2	-		-	-	-	:
Total	22,266	70	1	:	1	20	1,520	58	47	882	15	231	649

(Table 5 continued on next page)

(Table 5 continued)

							Hardwoods	spoo						
Forest Inventory	Honey-	Black	Sweet-	Yellow		Syca-	Cotton-	Black	Red oak	White	Black		Other	Total
Unit and county	locust	walnut	gum	poplar	Tupelo	more	wood	cherry	group	oak group	locust	Elm hardwoods		hardwoods
Prairie Unit continued														
Lawrence	1	261	2	1	1	34	1	0	315	224	1	1	1	1,032
Lewis	က	111	1	1	1	7	43	1	213	275	1	22	2	785
Lincoln	ŀ	62	ŀ	ŀ	:	73	73	0	169	317	ŀ	က	0	807
Linn	1	1	1	:	1	2	89	ŀ	159	107	:	4	ŀ	511
Livingston	1	91	;	1	:	12	222	0	168	20	1	18	1	762
Macon	:	22	:	:	:	15	51	0	329	494	4	11	1	991
Marion	1	24	1	1	1	o	တ	0	65	9/	2	∞	1	231
Mercer	:	1	;	;	:	ŀ	:	:	_	က	1	:	1	4
Monroe	1	1	ı	:	ŀ	32	46	0	359	225	4	1	ŀ	768
Nodaway	1	1	;	1	:	:	73	:	2	:	1	:	1	75
Pettis	:	12	:	:	:	က	က	:	41	43	1	2	1	110
Pike	1	104	1	1	1	20	132	20	300	212	1	4	1	932
Platte	ŀ	0	ŀ	ŀ	:	ŀ	1	1	_	:	ŀ	:	ŀ	6
Putnam	ŀ	18	ı	:	ŀ	2	တ	ŀ	83	138	:	9	ŀ	297
Ralls	1	29	;	1	:	14	4	0	137	158	1	∞	1	396
Randolph	:	32	:	:	:	61	61	0	658	693	2	20	1	1,687
Ray	2	43	1	1	1	46	47	1	51	49	1	2	1	291
Saline	9	53	ŀ	ŀ	:	64	58	0	87	72	ŀ	∞	ŀ	419
Schuyler	1	351	ŀ	ŀ	:	_	23	က	53	130	ŀ	7	ŀ	632
Scotland	ო	167	:	;	:	2	35	4	194	108	1	10	1	718
Shelby	1	18	1	1	1	25	23	0	292	326	2	13	1	774
Sullivan	1	12	1	1	1	2	13	1	29	110	1	2	1	243
Vernon	က	105	1	1	1	15	22	-	93	170	1	2	1	544
Worth	+	:	1	1	:	:	9	-	0	1	1	:	1	6
Total	44	3,516	9	:	:	842	2,093	36	6,019	5,907	21	290	20	22,196
		200				2	2001		2,0	2000		1	222	

(Table 5 continued on next page)

(Table 5 continued)

			S	Softwoods					I	Hardwoods			
Forest Inventory	ΙΑ	Eastern	Shortleaf	White		Total	Soft	Hard	River			Hack-	
Unit and county	species	redcedar	pine	pine	Cypress	softwoods	maple	maple	birch	Hickory	Pecan	berry	Ash
Riverborder Unit													
Boone	689	4	:	:	1	4	25	0	7	26	2	2	80
Callaway	612	118	:	ł	ŀ	118	က	0	1	_	2	1	_
Cape Girardeau	1,990	2	2	1	ŀ	7	49	78	:	207	ŀ	က	99
Cole	809	26	:	:	1	26	18	4	:	12	ł	2	က
Dunklin	173	1	:	1	:	:	14	:	:	က	ŀ	:	29
Franklin	1,250	30	2	:	1	35	17	တ	:	29	1	:	6
Gasconade	1,505	151	4	1	1	156	18	7	1	36	1	_	က
Howard	298	1	ŀ	1	ŀ	:	09	1	80	17	2	က	15
Jefferson	487	156	က	1	1	159	0	7	:	12	ŀ	ŀ	7
Mississippi	103	1	:	1	1	:	35	:	:	:	:	_	26
Moniteau	897	651	:	1	:	651	1	:	:	_	ŀ	0	0
Montgomery	535	198	:	ł	ŀ	198	1	1	1	1	ł	2	:
New Madrid	46	1	ŀ	1	4	4	4	:	:	ŀ	ŀ	0	7
Osage	827	110	1	:	1	110	19	_	!	10	-	2	4
Pemiscot	17	:	1	1	4	4	0	1	1	1	1	1	:
Perry	2,702	2	2	:	1	9	11	64	1	251	1	_	96
Scott	234	1	1	1	1	:	4	4	1	19	1	1	18
St. Charles	330	0	ŀ	0	ŀ	0	က	49	:	0	ŀ	2	2
St. Louis	116	က	1	1	1	ဇ	9	2	1	_	1	1	_
Ste. Genevieve	1,594	29	38	1	1	105	1	39	:	87	1	1	26
Stoddard	924	1	4	:	1	4	4	35	1	130	1	1	27
Warren	677	1	:	-	-	:	1	49	:	20	-	-	1
Total	16,915	1,551	61	0	7	1,619	302	348	10	897	16	24	351
State total	125,033	3,723	4,940	0	21	8,684	2,055	029	22	6,604	31	321	1,601

(Table 5 continued on next page)

(Table 5 continued)

							Hardwoods	spoo						
Forest Inventory	Honey-	Black	Sweet-	Yellow		Syca-	Cotton-	Black	Red oak	White	Black		Other	Total
Unit and county	locust	walnut	anm	poplar	Tupelo	more	wood	cherry	group	oak group	locust	Elm hard	hardwoods ha	hardwoods
Riverborder Unit														
Boone	1	24	1	1	1	30	64	0	228	264	2	4	:	685
Callaway	:	18	:	:	:	28	61	:	71	303	;	က	:	493
Cape Girardeau	ŀ	73	15	120	7	48	13	4	740	553	i	ω	:	1,982
Cole	ŀ	35	:	ŀ	;	20	35	~	194	227	i	ŀ	:	552
Dunklin	:	:	29	1	1	15	4	:	53	13	i	13	:	173
Franklin	:	7	2	ŀ	1	30	28	0	454	583	ŀ	6	:	1,215
Gasconade	1	6	0	:	1	62	88	0	377	742	1	7	:	1,349
Howard	ŀ	131	:	ŀ	;	22	45	_	160	96	2	2	:	298
Jefferson	ŀ	2	:	0	;	4	0	_	179	113	i	ŀ	:	328
Mississippi	:	:	10	ŀ	1	17	6	:	4	0	ŀ	2	:	103
Moniteau	:	7	:	:	:	48	:	0	115	64	:	:	:	246
Montgomery	1	1	1	:	1	:	18	1	47	269	1	:	:	337
New Madrid	;	:	11	ŀ	1	80	о	:	ŀ	:	ŀ	က	:	43
Osage	:	27	:	ŀ	1	24	19	-	209	403	ŀ	ŀ	:	718
Pemiscot	:	:	က	ŀ	1	က	9	:	:	:	ŀ	0	:	13
Perry	:	94	0	51	23	29	11	12	1,063	985	:	4	0	2,696
Scott	:	_	4	17	:	;	4	2	93	99	;	_	:	234
St. Charles	:	29	-	:	1	7	46	:	103	98	ŀ	_	:	330
St. Louis	ŀ	13	:	ŀ	1	က	ŀ	0	43	44	ŀ	ŀ	:	114
Ste. Genevieve	:	∞	:	_	1	41	24	က	629	280	:	:	:	1,489
Stoddard	:	16	34	∞	1	4	10	2	389	254	:	2	:	921
Warren	-	28	1	-	-	39	63	0	110	365	-	1	:	677
Total		523	112	197	30	516	556	29	5,310	6,008	4	63	0	15,296
State total	44	6,138	356	236	94	2,047	2,830	144	57,963	34,571	26	540	21	116,349
0 = Less than 500 cubic feet.	ic feet.													

0 = Less than 500 cubic feet. Table may not sum due to rounding.

Table 6. -- Industrial roundwood production by Forest Inventory Unit, species group, and State of destination, Missouri, 2006

(In thousands cubic feet)

All Units

							State of destination	stination					
												Other	Other
Species group	Total	Arkansas	Illinois	Indiana	lowa	Kansas	Kentucky	Missouri	Nebraska	Oklahoma	Wisconsin	U.S.	foreign
Softwoods													
Eastern redcedar	3,723	:	:	1	1	:	37	3,684	ŀ	ŀ	:	1	2
Shortleaf pine	4,940	20	:	:	:	:	2	4,802	:	:	1	99	:
White pine	0	:	:	:	:	:	:	0	:	:	:	:	:
Cypress	21	:	:	:	:	:	:	21	:	:	:	:	:
Total	8,684	20	-	:	:	:	39	8,507	:	:	:	99	2
Hardwoods													
Soft maple	2,055	က	2	134	264	1	83	1,551	9	1	1	1	i
Hard maple	029	-	_	က	-	;	80	573	:	1	-	1	6
River birch	22	:	:	:	:	:	:	22	:	:	:	:	:
Hickory	6,604	37	14	0	10	:	355	6,083	:	:	44	:	61
Pecan	31	:	:	1	:	:	ŀ	25	1	;	:	1	9
Hackberry	321	ŀ	0	1	:	7	9	304	2	:	:	1	i
Persimmon	_	ŀ	:	1	:	i	_	:	1	1	:	1	i
Ash	1,601	24	118	5	14	2	93	1,337	:	4	4	1	i
Honeylocust	4	:	:	:	:	:	:	4	:	:	:	:	:
Black walnut	6,138	:	109	74	950	1	80	3,335	15	7	က	;	1,625
Sweetgum	356	41	;	:	:	:	20	265	;	1	:	:	:
Yellow-poplar	236	17	:	2	1	:	29	158	:	1	1	1	1
Osage-orange	0	1	;	ł	;	:	1	0	1	1	1	1	:
Tupelo	98	က	:	1	:	i	1	92	1	1	:	1	i
Sycamore	2,047	:	2	:	:	;	38	2,001	:	2	;	1	i
Cottonwood	2,830	20	0	:	43	:	:	2,764	4	:	:	:	:
Black cherry	144	1	2	7	10	:	4	119	1	1	1	1	_
Red oak group	57,963	259	112	194	257	:	748	56,319	:	46	7	:	20
White oak group	34,571	195	111	09	266	1	824	32,813	9	15	;	1	281
Black locust	26	1	:	:	1	:	1	26	:	1	1	1	1
Basswood	19	:	:	1	13	:	;	9	;	;	;	1	:
Elm	540	:	2	:	2	:	63	468	:	:	1	1	2
Other hardwoods	0	:	1	:	!	:	:	0	:	:	:	!	;
Total	116,349	299	475	479	1,832	34	2,411	108,341	35	78	09		2,005
State total	125,033	699	475	479	1,832	34	2,451	116,848	35	78	09	99	2,007

(Table 6 continued on next page)

(Table 6 continued)

Eastern Ozarks Unit

							State of destination	tination					
Species group	Total	Arkansas	Illinois	Indiana	lowa	Kansas	Kentucky	Missouri	Nebraska	Oklahoma	Wisconsin	Other U.S.	Other foreign
Softwoods													
Eastern redcedar	261	ł	1	1	1	:	ŀ	261	1	1	ł	ŀ	:
Shortleaf pine	3,221	20	1	1	ŀ	;	2	3,098	1	1	:	51	:
Cypress	14	-	-		-	-		14	-	-	-		:
Total	3,496	20	:	:	:		2	3,373	:	:	:	51	:
Hardwoods													
Soft maple	172	:	0	:	ŀ	;	25	147	1	i	i	:	;
Hard maple	237	:	:	2	:	:	45	189	:	:	:	:	0
Hickory	3,777	23	7	:	:	:	229	3,506	:	:	:	:	12
Hackberry	2	:	;	:	:	1	2	0	1	:	:	:	:
Persimmon	0	:	;	1	ŀ	1	0	;	1	1	:	1	:
Ash	394	10	113	1	:	1	29	242	i	i	i	1	:
Black walnut	160	i	;	:	ŀ	;	2	115	1	1	i	:	40
Sweetgum	217	23	:	;	;	;	32	163	:	:	;	1	:
Yellow-poplar	36	14	;	0	ŀ	;	6	12	1	i	i	:	;
Tupelo	25	:	:	:	:	:	1	25	1	:	:	:	:
Sycamore	307	:	_	:	:	;	∞	297	1	:	:	:	:
Cottonwood	110	15	1	:	1	:	1	96	1	:	:	:	:
Black cherry	28	:	;	4	ŀ	1	က	20	1	1	:	1	0
Red oak group	32,102	51	94	146	:	1	547	31,262	i	i	i	1	_
White oak group	13,636	30	7	1	:	1	617	12,937	1	1	i	1	44
Elm	168	:	-	:	:	:	34	133	:	:	:	:	:
Total	51,370	167	224	153	-		1,585	49,144		-	:	:	6
Unit total	54,866	237	224	153	:		1,587	52,517			-	51	6

(Table 6 continued on next page)

(Table 6 continued)

Southwestern Ozark Unit

							State of destination	tination					
Species group	Total	Arkansas	Illinois	Indiana	lowa	Kansas	Kentucky	Missouri	Nebraska	Oklahoma	Wisconsin	Other U.S.	Other foreign
Softwoods													
Eastern redcedar	1,341	:	ŀ	1	1	;	1	1,340	;	1	1	;	2
Shortleaf pine	1,537	-	-	-	1	-	:	1,522	:	:	:	15	:
Total	2,878				:			2,861				15	2
Hardwoods													
Soft maple	16	က	1	1	!	2	1	80	1	1	1	1	:
Hard maple	26	_	1	1	:	;	:	24	1	:	0	ŀ	:
Hickory	992	4	1	1	1	1	:	737	1	:	15	ŀ	:
Hackberry	09	:	ŀ	:	1	က	:	22	:	:	ŀ	1	:
Persimmon	0	:	ŀ	1	1	;	0	:	:	:	ŀ	;	:
Ash	152	14	:	2	:	2	:	129	:	4	_	;	:
Black walnut	1,454	:	:	9	12	9	:	744	:	7	_	:	678
Sweetgum	21	18	1	:	1	:	:	လ	:	:	:	:	:
Yellow-poplar	က	က	1	:	1	1	:	1	:	:	:	1	:
Tupelo	40	က	ł	1	1	1	1	38	;	1	1	1	;
Sycamore	196	:	ŀ	1	1	;	:	190	;	2	ŀ	ŀ	:
Cottonwood	21	4	ŀ	1	1	;	:	17	;	:	ŀ	ŀ	:
Black cherry	20	:	1	_	1	:	:	49	:	:	1	:	0
Red oak group	10,110	208	:	43	:	:	:	9,811	:	46	2	:	0
White oak group	4,086	165	1	:	1	:	:	3,905	:	15	:	:	0
Elm	6				-			6	-	-		-	:
Total	17,009	431		51	12	17	0	15,722		78	20		678
Unit total	19,887	431	:	51	12	17	0	18,583	:	78	20	15	680

(Table 6 continued on next page)

(Table 6 continued)

Northwestern Ozark Unit

							State of destination	tination					
												Other	Other
Species group	Total	Arkansas	Illinois	Indiana	lowa	Kansas	Kentucky	Missouri	Nebraska	Oklahoma Wisconsin	Wisconsin	U.S.	foreign
Softwoods													
Eastern redcedar	499	i	1	:	ŀ	:	:	499	1	:	:	;	:
Shortleaf pine	122	:	:	:	:	:	:	122	:	:	:	:	:
Total	621	:	:	;	:	;	:	621	:	:	:	:	:
Hardwoods													
Soft maple	4	1	!	1	ł	;	1	4	1	1	ŀ	1	:
Hard maple	_	i	1	1	ŀ	i	1	_	1	1	1	1	:
Hickory	282	:	1	:	:	;	ŀ	282	1	ŀ	:	1	:
Hackberry	4	:	:	:	:	:	:	4	:	:	:	:	:
Persimmon	0	:	:	:	:	:	0	1	:	:	:	;	:
Ash	26	:	1	:	1	:	;	26	1	1	1	1	:
Black walnut	485	i	1	9	14	:	:	372	:	:	:	1	92
Sycamore	187	:	1	:	1	:	:	187	1	:	1	1	:
Cottonwood	20	:	1	:	:	:	:	20	1	:	:	1	:
Black cherry	_	:	1	:	1	:	:	-	1	:	:	1	:
Red oak group	4,422	:	1	:	1	:	:	4,422	1	:	1	1	:
White oak group	4,934	:	1	0	1	:	;	4,934	1	1	1	1	:
Elm	11	-	-	-	-	-	-	11	-	-	-	-	:
Total	10,477			7	14	-	0	10,364					92
Unit total	11,098	:	:	7	14	:	0	10,985	:	:	1	:	92

(Table 6 continued on next page)

(Table 6 continued)

767 : : : : : 1 4 9 : : : : Other foreign Other U.S. ŀ 1 - 1 6 1 1 1 8 1 2 1 1 1 1 1 4 4 4 Wisconsir Oklahoma 8 3 1 1 1 1 2 1 1 1 2 1 1 1 4 1 1 9 1 1 1 1 2 2 Nebraska 1,120 54 47 843 843 9 223 ---629 44 1,739 6 0 842 2,047 25 5,747 5,583 6 19,269 19,339 Missouri State of destination Kentucky 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 **Prairie Unit** 0 | | | 4 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1,805 owa ndiana 231 Arkansas 22,196 Total 22,266 2 70 White oak group Black locust Other hardwoods Eastern redcedar Red oak group Osage-orange Honeylocust Black walnut Black cherry Cottonwood Hard maple Persimmon Species group River birch Sweetgum Sycamore Soft maple Hackberry Basswood Hickory Hardwoods Softwoods Pecan Total Total Unit total Ash

(Table 6 continued on next page)

(Table 6 continued)

Riverborder Unit

							State of destination	stination					
Species group	Total	Arkansas	Illinois	Indiana	lowa	Kansas	Kentucky	Missouri	Nebraska	Oklahoma	Wisconsin	Other U.S.	Other foreign
Softwoods													
Eastern redcedar	1,551	:	ŀ	1	ŀ	:	37	1,514	ŀ	1	1	;	:
Shortleaf pine	61	:	:	;	1	1	0	61	1	1	1	;	:
White pine	0	:	:	:	:	:	:	0	:	:	:	:	:
Cypress	7	:	:	:	:	:	:	7	1	1	:	:	:
Total	1,619		-		:	:	37	1,582					:
Hardwoods													
Soft maple	302	:	2	10	1	1	28	233	;	1	;	;	:
Hard maple	348	:	~	0	1	1	35	305	;	ł	;	;	7
River birch	10	:	1	;	1	:	:	10	1	;	:	;	:
Hickory	897	:	7	1	1	:	126	715	1	1	1	1	49
Pecan	16	1	1	:	ŀ	1	:	16	ł	1	:	:	:
Hackberry	24	:	0	;	ŀ	1	4	19	1	ŀ	1	;	:
Persimmon	0	:	:	;	ŀ	:	0	:	1	ŀ	1	;	:
Ash	351	:	4	2	:	:	64	281	:	:	:	:	:
Black walnut	523	:	108	:	:	:	က	363	:	:	:	:	48
Sweetgum	112	:	1	;	1	:	18	93	1	;	:	;	:
Yellow-poplar	197	1	1	2	ł	1	20	145	1	ł	1	1	:
Tupelo	30	:	1	;	1	1	:	30	1	1	:	;	:
Sycamore	516	:	~	;	ŀ	1	30	485	1	ŀ	1	;	:
Cottonwood	256	:	0	1	ŀ	:	:	556	ŀ	1	1	;	:
Black cherry	53	:	7	2	:	:	~	24	:	:	:	:	0
Red oak group	5,310	:	17	0	:	:	201	5,077	:	1	:	:	15
White oak group	800'9	:	103	23	:	:	207	5,454	1	1	:	:	221
Black locust	4	:	:	;	:	:	:	4	:	;	;	;	;
Elm	63	-	1	-	-	-	28	31	-	-	:	-	2
Total	15,296	-	248	38	:	-	826	13,842	-	-	-	-	343
Unit total	16,915		248	38			863	15,424				-	343
0 - I ass than 500 cubic faat	faa												

0 = Less than 500 cubic feet. Table may not sum due to rounding.

Table 7. -- Saw log receipts and production by Forest Inventory Unit and species group, Missouri, 2003 and 2006

(In thousand board feet)1

Species group Percentors Percent Species group 2003 2006 Change Softwoods 2003 2006 Change Softwoods 18.039 18.358 22% 5.846 9.002 5.946 Shortheaf pine 18.039 18.358 22% 77.925 18.24 6% Oppress 15.2 12.2 2.20% 77.925 18.024 6% Oppress 15.23 27.883 8% 2.36 1.20 1.7% Hardwoods 15.39 13.23 -17% 2.3875 1.800 -10% Hardwoods 15.39 13.23 -17% 2.347 1.80 1.7% River birch 2.2 2.38 2.340 2.36 2.34 1.7% Hardwoods 2.2 2.2 2.36 2.34 2.34 2.36 Hexan 2.2 2.2 2.34 2.34 2.36 2.34 2.36 Hexan 2.2 2.2				All Units			
rough Pencent Pencent Poet Pencent st foliage 7,552 9,203 22% 5,846 9,002 9,002 staf pine 18,339 18,358 2,% 17,925 18,924 18,924 staf pine 16,23 1,22 -2% 17,25 18,924 18,924 staf pine 1,62 1,22 -2% 17,25 18,924 18,924 staf pine 1,62 2,7683 8% 23,875 18,94 17,1 staf pine 1,533 1,17% 13,007 1,1800 - 19,0 stafe 3,006 3,168 8% 24,70 2,916 19,0 stafe 3,168 1,2% 2,47 2,916 19,0 19,0 stry 2,17 1,869 1,2% 2,47 2,916 19,0 stry 2,14 1,869 1,2% 2,47 2,916 19,0 stry 2,14 1,869 1,2%			Receipts	Ī		Production	
rough 2006 change 2003 2006 change simple 18,039 18,558 2% 5,846 9,002 change pine 16,039 18,558 2% 17,925 18,924 change pine 162 12 20 1 1 0 1 pine 15,333 13,233 17% 13,073 11,800 1 pale 15,939 13,233 17% 13,073 11,800 1 pine 25,743 2,97 3% 2,470 2,916 1 pine 15,939 13,233 17% 11,800 1 1 pine 25,773 38,086 3% 2,470 2,916 1,960 pine 1,49 0% 9% 2,072 35,96 1,96 1,96 pine 1,502 2,03 33% 2,470 2,916 1,96 pine 1,49 0% 9% <td< th=""><th></th><th></th><th></th><th>Percent</th><th></th><th></th><th>Percent</th></td<>				Percent			Percent
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Species group	2003	2006	change	2003	2006	change
n redocdraft 7,552 9,203 22% 5,846 9,002 aster pine 18,358 2% 17,325 18,924 pine 0 - - 0 ss 152 27,683 8% 23,875 28,047 s 152 27,73 27,683 8% 23,875 28,047 spele 15,339 13,233 -17% 18,073 11,800 - aple 15,339 13,233 -17% 22,470 29,047 - spele 15,339 13,233 -17% 22,470 2,916 - spele 3,006 38% 2,502 2,916 - - naple 25,773 38,086 48% 2,502 2,916 - rich 25,773 38,086 48% 2,502 2,916 - mon	Softwoods						
safe pine 18,038 18,358 2% 17,926 18,924 pine 0 - - 0 0 ss 152 122 -20% 104 121 ss 158 122 -20% 104 121 stee 15,83 13,233 -17% 13,073 11,800 stee 15,836 13,233 -17% 24,70 2,916 stee 2,23 2,87 3% 2,470 2,916 sirch 2,5773 3,168 5% 2,470 2,916 sirch 2,5773 3,686 48% 2,502 2,916 1,950 eny 1,49 0% 2,470 2,916 1,950 eny 1,49 0% 2,470 2,916 1,950 eny 1,48 1,48 1,28 2,041 1,96 1,96 eny 1,502	Eastern redcedar	7,552	9,203	22%	5,846	9,002	54%
pine 0 0 ss 162 20% 104 121 ss 152 20% 104 121 ss 1533 17% 13073 11800 saple 15939 13.23 -17% 13073 11800 apple 25,773 38.086 48% 24,70 2.916 y 25,773 38.086 48% 25,024 35,596 196 y 2,573 38.086 48% 25,024 35,596 196 rich 25,773 38.086 48% 25,024 35,596 196 rich 25,773 38.086 48% 25,024 35,596 196 rich 25,773 38.086 48% 25,024 35,596 196 rich 25,024 38,596 38,231 25,024 35,596 196 rich 25,024 38,696 38,231	Shortleaf pine	18,039	18,358	2%	17,925	18,924	%9
ss 152 20% 104 121 st 25,743 27,683 8% 104 121 stell 25,743 27,683 8% 23,875 28,047 121 stell 15,939 13,233 -17% 13,073 11,800 stell 15,06 31,68 5% 2,470 2,916 stell 22,33 28 48% 22,470 2,916 stell 22,33 28 48% 25,024 2,916 stell 149 0% 90% 2,470 2,916 stell 149 0% 2,470 2,916 stell 149 0% 2,470 2,916 stell 149 0% 2,470 2,916 stell 148 4,96 2,470 2,916 1,960 stell 1,502 2,03 1,186 1,960	White pine		0	ŀ	:	0	:
1	Cypress	152	122	-20%	104	121	16%
spile 15,939 13,233 -17% 13,073 11,800 -19,006 3,168 5% 2,470 2,916 2,916 2,917 33% 224 297 297 33% 224 297 297 297 297 297 297 297 297 297 297	Total	25,743	27,683	%8	23,875	28,047	17%
aple 15,939 13,233 -17% 13,073 11,800 -1800 naple 3,006 3,168 5% 2,470 2,916 -2,916 y 25,773 38,086 48% 25,024 35,596 19 y 25,773 38,086 48% 25,014 35,596 19 erry 1,49 1,26 -2,016 1,950 1,950 1,960 erry 2,124 1,869 -1,2% 2,016 1,950 1,960 1,169 1,960 <td>Hardwoods</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Hardwoods						
naple 3,006 3,168 5% 2,470 2,916 pirch 223 297 33% 224 297 y 25,773 38,086 48% 2,024 35,596 erry 149 0% 9 186 196 erry 2,124 1,869 -12% 9 186 19 erry 2,124 1,869 -12% 2,016 1,950 1,960 erry 2,124 1,869 -12% 2,016 1,950 1,960 erry 2,124 1,869 -12% 2,016 1,960 2,016 1,960 2,016 1,960 2,016 1,960 2,016 1,960 2,016 1,960 2,016 1,960 2,016 1,960 2,016 1,960 2,016 1,960 2,016 1,960 2,016 1,960 2,016 1,960 2,016 1,960 2,016 1,960 2,016 1,960 2,016 1,960 2,016 1,960	Soft maple	15,939	13,233	-17%	13,073	11,800	-10%
y 223 297 33% 224 297 y 25,773 38,086 48% 25,024 35,596 186 19 erry 2,173 38,086 149 0% 9 186 19 erry 2,124 1,869 -12% 2,016 1,950 186 19 erry 2,124 1,869 -12% 2,016 1,950 1,950 1,950 mon 6,627 9,136 38% 2,016 1,950 2,691 1,950 noblar 1,535 2,033 33% 1,355 1,949 1,250 2,691 1,949 orange - - - - - - 2,691 - - 2,691 - 2,691 - 2,691 - 2,691 - 2,691 - 2,691 - 2,691 - 2,691 - 2,691 - 2,691 - 2,691 - 2,691	Hard maple	3,006	3,168	2%	2,470	2,916	18%
y 25,773 38,086 48% 25,024 35,596 198 <	River birch	223	297	33%	224	297	33%
erry 2,124 149 0% 9 186 19 erry 2,124 1,869 -12% 2,016 1,950 mon	Hickory	25,773	38,086	48%	25,024	35,596	42%
erry 2,124 1,869 -12% 2,016 1,950 mon 6 6 6 6	Pecan	149	149	%0	0	186	1967%
Control Control Control Control	Hackberry	2,124	1,869	-12%	2,016	1,950	-3%
bicked 9,136 38% 5,901 8,231 locust 138 269 95% 138 269 walnut 18,735 18,449 -2% 19,280 25,691 8,231 gum 1,502 2,003 33% 1,355 1,949 26,691 1,500 25,691 1,250 26,691 1,250 26,691 1,250 27,40 1,250 27,40 1,250 27,40 1,250 27,40 1,250 27,40 1,250 27,40 1,250 27,40 1,250 27,40 1,250 27,40 1,250 27,40 1,250 27,40 1,250 27,40 1,250 27,40 1,250	Persimmon	:	1	:	1	9	:
locust 138 269 95% 138 269 walnut 18,735 18,449 -2% 19,280 25,691 gum 1,502 2,003 33% 1,355 1,949 -poplar 2,836 2,526 -11% 2 -orange 2 -orange 1,369 570 -58% 1,550 574 ore 17,349 12,365 -28% 16,606 11,109 wood 30,600 22,150 -28% 26,699 19,750 sk group 359,595 327,928 -9% 341,710 312,328 ocust 153 8% ocust ocust ocust ocust ocust <	Ash	6,627	9,136	38%	5,901	8,231	39%
valint 18,735 18,449 -2% 19,280 25,691 gum 1,502 2,003 33% 1,355 1,949 -poplar 2,836 2,526 -11% 1,560 1,949 -orange 2 -orange 1,369 570 -58% 16,606 11,109 nore 17,949 12,965 -28% 26,699 19,750 wood 30,600 22,150 -28% 26,699 19,750 sk group 359,595 327,928 -9% 341,710 312,328 oak group 151,47 163,529 8% 152,455 rask group 429 75 -83% 117 ood 429 75 -83% 2,864 rask 1,731 3,017 7 2 2,864 rask 666,745 648,764 -3% 604,928 590,326 rask	Honeylocust	138	269	%96	138	569	%26
gum 1,502 2,003 33% 1,355 1,949 -poplar 2,836 2,526 -11% 1,158 1,250 -orange 2 -orange 2 interest 1,369 570 -58% 1,250 574 interest 17,349 12,965 -28% 26,699 19,750 sherry 337,528 -9% 341,710 312,328 sherry 359,595 327,928 -9% 341,710 312,328 ak group 15,529 8% 144,982 152,455 ocust 155 rias 12 155 ocust fras ocust fras </td <td>Black walnut</td> <td>18,735</td> <td>18,449</td> <td>-2%</td> <td>19,280</td> <td>25,691</td> <td>33%</td>	Black walnut	18,735	18,449	-2%	19,280	25,691	33%
-poplar 2,836 2,526 -11% 1,158 1,250 -orange 2 2 -orange 1,369 570 -58% 1,260 574 nore 1,369 12,965 -28% 16,606 11,109 wood 30,600 22,150 -28% 26,699 19,750 sherry 937 1,503 60% 341,710 312,328 sherry 359,595 327,928 -9% 341,710 312,328 oak group 151,471 163,529 8% 144,982 152,455 ocust 155 155 rias 12 155 155 ood 429 7 2 2,864 rias 1,731 3,017 7 2 2,864 rias 641,002 621,081 -3% 604,928 590,326 rias<	Sweetgum	1,502	2,003	33%	1,355	1,949	44%
range 2	Yellow-poplar	2,836	2,526	-11%	1,158	1,250	8%
i, 1,369 570 -58% 1,250 574 iore 17,949 12,965 -28% 16,606 11,109 wood 30,600 22,150 -28% 26,699 19,750 sherry 937 1,503 60% 931 830 sherry 937 1,503 60% 341,710 312,328 ask group 151,471 163,529 8% 144,982 152,455 ocust 1 155 rias 155 ood 7 3,017 7 2 nardwoods 7 2 7 2 rias 660,745 648,764 3% 628,803 618,374	Osage-orange	:	2	:	:	2	:
ore 17,949 12,965 -28% 16,606 11,109 wood 30,600 22,150 -28% 26,699 19,750 sherry 937 1,503 60% 931 830 ak group 359,595 327,928 -9% 341,710 312,328 ocust 155 152,455 rias 12 12 155 ocust 12 155 ood 1,731 3,017 7,4% 1,696 2,864 nardwoods 7 2 7 2 7 l 666,745 648,764 -3% 628,803 618,374	Tupelo	1,369	220	-58%	1,250	574	-54%
wood 30,600 22,150 -28% 931 830 sherry 937 1,503 60% 931 830 ak group 359,595 327,928 -9% 341,710 312,328 oak group 151,471 163,529 8% 144,982 152,455 ocust 15 15 15 fras 1,731 3,017 74% 1,696 2,864 ood 1,731 3,017 74% 7 2 nardwoods 7 2 7 2 2,864 l 666,745 648,764 -3% 628,803 618,374	Sycamore	17,949	12,965	-28%	16,606	11,109	-33%
sherry 937 1,503 60% 931 830 ak group 359,595 327,928 -9% 341,710 312,328 oak group 151,471 163,529 8% 144,982 152,455 ocust 155,455 fras 155 ood 7 -83% 117 nardwoods 7 2 -71% nardwoods 7 2 -71% l 666,745 648,764 -3% 628,803 618,374	Cottonwood	30,600	22,150	-28%	26,699	19,750	-26%
ak group 359,595 327,928 -9% 341,710 312,328 oak group 151,471 163,529 8% 144,982 152,455 rocust 155 155 rias 12 12 155 ood 429 75 -83% 117 nardwoods 7 2 -71% 7 2 nardwoods 7 2 7 2 l 666,745 648,764 -3% 628,803 618,374	Black cherry	937	1,503	%09	931	830	-11%
oak group 151,471 163,529 8% 144,982 152,455 coust 155 155 155 fras 12 12 155 155 sodd 429 75 -83% 117 177 nardwoods 7 2 -71% 7 2 <t< td=""><td>Red oak group</td><td>359,595</td><td>327,928</td><td>%6-</td><td>341,710</td><td>312,328</td><td>%6-</td></t<>	Red oak group	359,595	327,928	%6-	341,710	312,328	%6-
ocust 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 177 177 <	White oak group	151,471	163,529	%8	144,982	152,455	2%
fras 12 12 -	Black locust	:	155	:	:	155	:
ood 429 75 -83% 388 117 . 1,731 3,017 74% 1,696 2,864 . nardwoods 7 2 -71% 7 2 . 641,002 621,081 -3% 604,928 590,326 . 666,745 648,764 -3% 628,803 618,374 .	Sassafras	12	:	:	12	:	:
1,731 3,017 74% 1,696 2,864 hardwoods 7 2 -71% 7 2 I 641,002 621,081 -3% 604,928 590,326 666,745 648,764 -3% 628,803 618,374	Basswood	429	75	-83%	388	117	%02-
nardwoods 7 2 -71% 7 2 I 641,002 621,081 -3% 604,928 590,326 666,745 648,764 -3% 628,803 618,374	Elm	1,731	3,017	74%	1,696	2,864	%69
641,002 621,081 -3% 604,928 590,326 666,745 648,764 -3% 628,803 618,374	Other hardwoods	7	2	-71%	7	2	-71%
666,745 648,764 -3% 628,803 618,374	Total	641,002	621,081	-3%	604,928	590,326	-2%
	State total	666,745	648,764	-3%	628,803	618,374	-5%

(Table 7 continued on next page)

(Table 7 continued)

		Receipts			Production	
			Percent			Percent
Species group	2003	2006	change	2003	2006	change
Softwoods						
Eastern redcedar	1,171	1,097	%9-	851	661	-22%
Shortleaf pine	14,396	14,666	2%	14,703	15,515	%9
Cypress	100	80	-20%	100	80	-20%
Total	15,667	15,842	1%	15,654	16,256	4%
Hardwoods						
Soft maple	868	1,468	63%	713	910	28%
Hard maple	1,017	1,114	10%	1,124	890	-21%
River birch	2	1	ŀ	2	:	1
Hickory	13,847	23,130	%29	11,678	20,735	78%
Hackberry	176	က	%86-	128	12	-91%
Persimmon	:	:	:	:	2	1
Ash	838	1,911	128%	815	1,559	91%
Black walnut	629	475	-24%	229	869	205%
Sweetgum	1,215	1,286	%9	298	1,166	34%
Yellow-poplar	257	331	29%	379	199	-47%
Tupelo	1,034	330	%89-	778	150	-81%
Sycamore	4,858	2,020	-58%	3,218	1,527	-53%
Cottonwood	231	1,045	352%	218	2776	256%
Black cherry	140	109	-22%	274	140	-49%
Red oak group	183,063	176,747	-3%	172,789	172,548	%0-
White oak group	68,151	70,738	4%	61,635	63,321	3%
Sassafras	12	1	ŀ	o	:	;
Elm	312	1,143	766%	321	827	158%
Total	276,679	281,849	2%	255,178	265,460	4%
Unit total	292,347	297,691	2%	270,832	281,716	4%

(Table 7 continued on next page)

(Table 7 continued)

		Receipts	Southwestern Ozark Offic		Production	
1			Percent			Percent
Species group	2003	2006	change	2003	2006	change
Softwoods						
Eastern redcedar	4,810	5,101	%9	3,147	4,946	22%
Shortleaf pine	2,344	2,530	8%	1,816	2,709	49%
Cypress	52		-	:		:
Total	7,206	7,631	%9	4,963	7,655	54%
Hardwoods						
Soft maple	65	48	-26%	170	26	-43%
Hard maple	35	25	-29%	73	154	111%
Hickory	2,096	3,569	%02	2,820	4,483	29%
Hackberry	100	132	32%	148	367	148%
Persimmon	:	:	1	1	_	:
Ash	551	223	%09-	616	895	45%
Black walnut	785	6,516	730%	1,380	6,414	365%
Sweetgum	70	:	:	16	127	694%
Yellow-poplar	:	:	ı	16	16	%0
Tupelo	267	240	-10%	298	244	-18%
Sycamore	1,520	2,042	34%	2,074	1,187	-43%
Cottonwood	38	:	:	38	150	295%
Black cherry	194	1,000	415%	92	300	295%
Red oak group	68,460	63,385	%2-	62,216	55,860	-10%
White oak group	31,247	25,265	-19%	26,720	21,770	-19%
Elm	92	12	-82%	13	22	338%
Total	105,492	102,458	-3%	96,671	92,120	-2%
Unit total	112,697	110,089	-2%	101,634	99,775	-2%

(Table 7 continued on next page)

(Table 7 continued)

	ш.	Receipts			Production	
			Percent			Percent
Species group	2003	2006	change	2003	2006	change
Softwoods						
Eastern redcedar	573	1,205	110%	721	1,208	%89
Shortleaf pine	480	-	:	460	362	-21%
Total	1,053	1,205	14%	1,181	1,570	33%
Hardwoods						
Soft maple	489	158	%89-	1,319	251	-81%
Hard maple	278	25	-91%	293	9	%86-
Hickory	1,658	2,158	30%	1,862	1,659	-11%
Hackberry	11	6	-18%	15	23	23%
Persimmon	:	:	1	!	~	:
Ash	223	418	87%	777	324	-58%
Black walnut	592	1,219	106%	1,193	2,139	%62
Sweetgum	2	1,160	23100%	2	:	:
Tupelo	89	1	I	68	:	:
Sycamore	1,772	1	I	2,168	1,120	-48%
Cottonwood	40	138	245%	437	336	-23%
Black cherry	47	က	-94%	129	7	% 96-
Red oak group	19,608	18,127	-8%	30,925	24,761	-20%
White oak group	11,287	18,427	63%	17,717	22,150	25%
Elm	61	40	-34%	101	52	-49%
Other hardwoods	7	-	1	3	-	:
Total	36,147	41,882	16%	57,012	52,829	%2-
Unit total	37,201	43.087	16%	58.193	54.399	%2-

(Table 7 continued on next page)

(Table 7 continued)

			Prairie Unit			
		Receipts			Production	
			Percent			Percent
Species group	2003	2006	change	2003	2006	change
Softwoods						
Eastern redcedar	163	116	-29%	130	106	-18%
Shortleaf pine	1	1	1	100	1	1
Cypress		1	1	1	-	:
Total	163	116	-29%	230	106	-54%
Hardwoods						
Soft maple	12,289	10,414	-15%	9,004	9,125	1%
Hard maple	562	1,035	84%	387	336	-13%
River birch	221	297	34%	203	263	30%
Hickory	6,150	5,788	%9-	5,764	5,173	-10%
Pecan	:	149	1	:	88	:
Hackberry	1,835	1,683	-8%	1,663	1,403	-16%
Persimmon	:	1	1	1	2	;
Ash	3,838	4,339	13%	2,797	3,850	38%
Honeylocust	138	269	95%	138	269	%26
Black walnut	11,441	6,403	-44%	14,212	14,327	1%
Sweetgum	:	22	:	:	36	:
Osage-orange	:	2	:	:	2	:
Tupelo	:	:	:	_	i	:
Sycamore	8,063	6,171	-23%	7,331	4,990	-32%
Cottonwood	25,295	18,808	-26%	21,797	14,672	-33%
Black cherry	203	134	-34%	299	216	-28%
Red oak group	52,813	39,355	-25%	47,886	33,756	-30%
White oak group	25,951	31,232	20%	24,186	25,109	4%
Black locust	:	155	:	:	130	:
Basswood	429	75	-83%	388	117	%0 2-
Elm	1,205	1,821	51%	1,167	1,715	47%
Other hardwoods	:	2	:	3	2	-33%
Total	150,433	128,187	-15%	137,226	115,582	-16%
Unit total	150,596	128,303	-15%	137,456	115,688	-16%

(Table 7 continued on next page)

(Table 7 continued)

		Ri	Riverborder Unit			
		Receipts		<u>.</u>	Production	
			Percent			Percent
Species group	2003	2006	change	2003	2006	change
Softwoods						
Eastern redcedar	835	1,685	102%	966	2,080	109%
Shortleaf pine	819	1,162	42%	847	339	%09-
White pine	:	0	1	:	0	1
Cypress		41	:	4	41	925%
Total	1,654	2,889	75%	1,847	2,461	33%
Hardwoods						
Soft maple	2,198	1,145	-48%	1,867	1,417	-24%
Hard maple	1,114	970	-13%	593	1,531	158%
River birch	:	:	1	20	33	%29
Hickory	2,022	3,442	%02	2,900	3,545	22%
Pecan	:	1	1	ග	97	%826
Hackberry	~	43	4200%	62	146	135%
Persimmon	:	1	1	1	-	1
Ash	1,177	2,244	91%	968	1,602	%62
Black walnut	5,289	3,835	-27%	2,266	2,114	%2-
Sweetgum	213	662	211%	468	621	33%
Yellow-poplar	2,578	2,196	-15%	763	1,035	36%
Tupelo				105	180	71%
Sycamore	1,734	1,572	%6-	1,816	2,284	26%
Cottonwood	4,996	2,159	-57%	4,209	3,815	%6-
Black cherry	353	257	-27%	153	167	%6
Red oak group	35,652	30,314	-15%	27,894	25,403	%6-
White oak group	14,836	17,866	20%	14,723	20,105	37%
Black locust	:	:	:	:	25	1
Sassafras	:	1	1	8	:	1
Elm	88	1	%66-	94	214	128%
Total	72,251	66,705	-8%	58,841	64,335	%6
Unit total	73,904	69,594	%9-	60,688	96,796	10%

0 = Less than 500 board feet.

¹ International 1/4-inch rule. Table may not sum due to rounding.

Table 8. -- Wood material harvested for industrial roundwood by species group and source of material, Missouri, 20061

(In thousand cubic feet)

					Sourc	Source of material								
•		Growing stock	stock)-uoN	Non-growing stock	لا					
_ '	Used for products	roducts	Logging	Total		Usec	Used for products			Logging	Total non-	Total wood Total wood Total wood	Total wood	Total wood
		Pole-	residue	growing			Cull	Dead	Nonforest	slash	growing	material	material	material
Species group	Sawtimber	timber	(not used)	stock	Limbwood	Saplings	trees	trees	trees	(not used)	stock	pesn	not used	harvested
Softwoods														
Eastern redcedar	1,790.9	1,379.5	376.7	3,547.1	127.0	9.0	410.9	5.4	1	1,728.3	2,280.6	3,722.7	2,104.9	5,827.7
Shortleaf pine	3,848.7	0.697	446.1	5,063.9	6.09	192.7	29.5	39.1	1	2,008.1	2,330.4	4,940.0	2,454.2	7,394.3
White pine	0	0	0	0	0	:	0	:	;	0	0	0	0	0
Cypress	20.3	0.2	2.6	23.1	0.4	:	0.2	-	-	11.8	12.4	21.0	14.5	35.5
Total	5,660.0	2,148.7	825.4	8,634.1	188.3	201.7	440.6	44.5	:	3,748.2	4,623.4	8,683.8	4,573.6	13,257.4
Hardwoods														
Soft maple	1,539.4	48.1	611.8	2,199.3	36.6	0.7	144.9	0.8	284.4	1,674.9	2,142.2	2,054.8	2,286.7	4,341.6
Hard maple	517.7	21.0	163.6	702.4	16.8	0	43.6	0.4	70.3	424.8	556.0	6.699	588.4	1,258.3
River birch	40.4	3.3	15.5	59.1	1.7	0.2	4.1	0.1	7.2	42.5	55.7	56.9	57.9	114.8
Hickory	4,987.2	148.6	1,891.4	7,027.1	122.0	0.2	482.2	2.3	861.2	5,080.2	6,548.2	6,603.7	6,971.6	13,575.3
Pecan	23.3	0.5	9.6	33.4	0.3	i	2.1	i	4.5	26.3	33.2	30.7	35.9	9.99
Hackberry	243.8	5.5	100.4	349.7	3.3	ŀ	21.6	:	47.0	275.6	347.5	321.2	376.0	697.2
Persimmon	0.7	0	0.3	1.0	0	:	0.1	:	0.1	0.8	1.0	0.0	1.	2.0
Ash	1,201.9	52.9	514.5	1,769.3	29.5	0.2	117.5	9.0	198.5	1,180.3	1,526.6	1,601.0	1,694.8	3,295.9
Honeylocust	33.6	0.8	13.8	48.2	0.5	:	3.0	:	6.5	38.0	47.9	44.3	51.8	96.1
Black walnut	2,560.6	1.3	381.5	2,943.5	1.6	0.1	2,616.6	0.1	957.2	1,298.1	4,873.6	6,137.5	1,679.6	7,817.1
Sweetgum	265.2	8.9	101.7	373.7	9.3	;	27.2	0.2	47.0	277.9	361.6	355.7	379.6	735.3
Yellow-poplar	175.7	4.6	65.6	245.9	6.9	:	18.4	0.2	30.1	178.7	234.3	235.9	244.2	480.2
Osage-orange	1	ł	1	1	0	;	0.3	1	0	1.2	1.6	0.3	1.2	1.6
Tupelo	71.7	1.6	29.5	102.8	1.0	:	6.4	:	13.8	81.0	102.2	94.5	110.6	205.1
Sycamore	1,565.6	52.6	588.4	2,206.6	28.6	0.3	131.7	0.4	267.7	1,584.1	2,013.0	2,047.0	2,172.5	4,219.5
Cottonwood	2,558.0	12.3	451.6	3,021.9	213.3	0.7	45.5	0.3	1	1,503.5	1,763.3	2,830.2	1,955.1	4,785.3
Black cherry	111.0	2.3	43.3	156.6	4.1	0	9.5	0	20.0	117.8	148.5	143.9	161.2	305.1
Red oak group	47,092.5	1,509.0	11,754.5	60,356.0	933.8	2.7	7,287.4	1,100.3	37.6	29,167.1	38,528.9	57,963.3	40,921.6	98,884.9
White oak group	28,766.3	741.7	7,110.2	36,618.2	540.4	0.3	3,980.4	539.2	3.1	14,597.9	19,661.3	34,571.4	21,708.1	56,279.5
Black locust	19.4	0.4	8.0	27.8	0.3	1	1.7	1	3.7	21.9	27.7	25.6	29.9	52.5
Basswood	14.7	0.3	0.9	21.0	0.2	1	1.3	1	2.8	16.6	20.9	19.3	22.6	41.9
Elm	403.7	11.2	150.7	565.5	14.9	1	41.2	0.4	0.69	409.5	534.9	540.3	560.1	1,100.4
Other hardwoods	0.2	0	0.1	0.4	0	:	0	1	0	0.3	0.3	0.3	0.4	0.7
Total	92,192.5	2,624.8	24,012.2	118,829.5	1,962.3	5.5	14,986.4	1,645.3	2,931.8	57,999.0	79,530.4	116,348.7	82,011.2	198,359.8
State total	97,852.5	4,773.5	24,837.5	127,463.6	2,150.7	207.2	15,427.0	1,689.8	2,931.8	61,747.2	84,153.7	125,032.5	86,584.8	211,617.3
0 = 1 ess than 50 cubic feet	feet													

 ^{1 =} Less than 50 cubic feet.
 1 Based on factors obtained from the Missouri Logging Utilization Study, 1987, and other regional utilization studies.
 Table may not sum due to rounding.

Table 9. -- Growing-stock removals from timberland for industrial roundwood by Forest Inventory Unit, county, and species group, Missouri, 2006

(In thousand cubic feet)

Forest Inventory Unit and county Eastern Ozark Unit			ร์	SOTTWOODS						Hardwoods	cno			
Unit and county Factern Ozark Unit	All	Eastern	Shortleaf	White		Total	Soft	Hard	River					Honey-
Factern Ozark Unit	species	redcedar	pine	pine	Cypress	softwoods	maple	maple	birch	Hickory	Pecan	Pecan Hackberry	Ash	locust
Bollinger	3,604	:	13	;	_	14	28	96	:	318	;	0	237	;
Butler	2,038	0	138	1	41	153	41	က	:	197	:	_	10	:
Carter	5,197	18	477	1	;	495	27	18	ŀ	423	:	:	39	:
Crawford	2,494	105	35	1	1	140	10	12	:	86	:	:	6	:
Dent	2,817	0	151	1	1	152	i	0	:	73	:	:	7	:
Iron	4,218	17	160	;	:	177	2	4	:	138	1	;	2	:
Madison	4,255	17	238	1	1	255	0	27	:	326	:	0	13	:
Oregon	5,765	14	92	1	;	107	ŀ	22	ŀ	684	:	:	73	:
Reynolds	6,150	8	421	1	1	429	4	:	i	331	1	1	4	:
Ripley	4,563	17	363	1	1	380	43	_	:	534	:	:	43	:
Shannon	6,668	_	759	1	1	760	i	:	ŀ	417	1	1	1	:
St. Francois	1,638	6	23	1	1	32	ŀ	ß	ŀ	46	1	1	1	1
Washington	2,828	40	227	1	1	267	10	1	:	44	:	1	7	:
Wayne	4,867	0	272	:	1	272	32	43	:	334	:	0	23	:
Total	57,103	247	3,371	:	15	3,633	179	243	:	4,001	:	2	480	:
Southwestern Ozark Unit	Jnit													
Barry	1,398	34	:	1	1	34	_	-	:	53	:	33	09	:
Christian	207	17	:	;	;	17	:	:	:	11	1	;	_	1
Douglas	2,600	25	19	1	1	44	6	4	:	108	:	:	13	:
Howell	3,799	i	110	1	;	110	ŀ	22	ŀ	353	:	:	49	:
McDonald	2,058	:	:	1	1	1	2	-	:	62	:	24	24	:
Newton	629	:	:	1	:	:	3	:	1	15	;	က	7	1
Ozark	1,757	754	13	:	:	768	:	:	:	44	:	:	_	:
Stone	107	26	:	:	:	26	:	_	:	21	:	2	6	:
Taney	317	309	:	;	;	309	:	:	:	0	1	;	1	1
Texas	5,283	0	1,346	1	1	1,346	:	:	:	145	:	:	:	:
Webster	344	16	ŀ	1	;	16	ŀ	:	ŀ	က	:	:	ŀ	:
Wright	1,172	:	24	:	1	24	-	-	:	12	:	:	7	:
Total	19,723	1,181	1,512	:	-	2,693	17	28	:	828	:	99	166	:

(Table 9 continued on next page)

(Table 9 continued)

							Hardwoods	spoo						
Forest Inventory	Black		Yellow			Cotton-	Black	Red oak	White	Black	Bass-		Other	Total
Unit and county	walnut Sv	Sweetgum	poplar	Tupelo	Sycamore	wood	cherry	group	oak group	locust	wood	Elm hard	Elm hardwoods hardwoods	ardwoods
Eastern Ozark Unit														
Bollinger	2	9	22	80	92	12	10	1,453	1,291	:	1	12	0	3,590
Butler	_	69	ŀ	_	24	24	_	1,103	431	:	ŀ	2	0	1,885
Carter	တ	4	;	1	28	ŀ	1	3,019	1,132	:	ŀ	4	ŀ	4,702
Crawford	2	က	;	1	33	ŀ	ł	928	1,260	:	ŀ	12	0	2,354
Dent	:	:	:	1	16	:	1	1,657	906	:	1	9	:	2,665
Iron	_	:	1	_	2	:	1	3,135	754	:	:	:	:	4,041
Madison	13	4	0	13	25	2	14	2,411	1,140	:	ŀ	10	:	4,000
Oregon	19	37	ŀ	1	25	18	က	3,537	1,185	:	ŀ	57	:	5,659
Reynolds	15	4	ŀ	1	:	10	ŀ	4,264	1,074	:	ŀ	2	:	5,721
Ripley	_	98	16	1	10	28	1	2,376	1,011	:	ŀ	34	:	4,183
Shannon	:	1	:	1	:	:	1	4,319	1,172	:	1	:	:	5,909
St. Francois	9	:	;	1	12	2	0	819	653	:	1	2	:	1,606
Washington	_	0	1	1	18	0	0	1,470	992	:	:	80	:	2,561
Wayne	4	12	0	4	47	23	2	2,792	1,262	;	1	16	:	4,595
Total	92	227	38	27	332	117	30	33,285	14,262			170	0	53,470
Southwestern Ozark Unit	.													
Barry	92	20	-	_	19	2	0	735	360	ŀ	ł	:	:	1,364
Christian	30	:	;	1	;	:	1	93	54	:	ŀ	0	:	190
Douglas	72	:	1	6	43	:	18	1,616	662	:	1	2	0	2,557
Howell	48	:	1	1	71	18	18	2,260	842	:	1	8	ŀ	3,689
McDonald	87	3	2	31	39	:	1	1,284	496	:	ŀ	:	:	2,058
Newton	96	:	;	2	က	:	1	470	84	:	:	:	:	629
Ozark	46	:	:	1	24	:	18	528	328	:	1	:	:	066
Stone	9	:	:	1	က	:	1	23	14	:	1	:	:	81
Taney	_	;	;	1	1	;	1	2	2	:	1	;	:	80
Texas	55	:	1	1	2	:	1	2,728	1,007	:	1	1	:	3,938
Webster	64	:	:	1	:	:	1	195	99	:	:	:	ŀ	329
Wright	114	:	1	:	6	1	1	611	395	1	-	1	:	1,148
Total	694	23	3	44	213	23	54	10,550	4,311	1	:	10	0	17,030

(Table 9 continued on next page)

(Table 9 continued)

	Honey-	locust		ŀ	;	:	1	:	1	1	1	1	1	1	:	-	:
		Ash		က	_	17	12	_	_	7	0	:	2	4	2	10	61
		Pecan Hackberry		1	1	1	2	1	1	2	1	0	1	1	1		4
spo		Pecan		:	:	:	:	:	:	:	:	:	:	;	:	:	:
Hardwoods		Hickory		18	_	42	29	28	7	15	2	4	88	44	10	10	300
	River	birch		ŀ	1	1	ŀ	ŀ	;	1	1	1	1	;	ŀ	:	:
	Hard	maple		ŀ	;	1	ŀ	ŀ	;	0	0	0	_	;	ŀ	-	1
	Soft	maple		က	:	15	ŀ	:	:	21	0	2	_	;	_	5	48
	Total	Cypress softwoods		32	115	:	52	17	20	:	221	17	74	:	41	-	589
		Cypress		ŀ	1	1	ŀ	1	1	1	1	1	1	1	ŀ		:
Softwoods	White	pine		ŀ	1	ŀ	ŀ	ŀ	1	1	1	1	1	1	ŀ		:
S	Shortleaf	pine		:	:	:	:	:	က	:	:	:	73	:	38		114
	Eastern	redcedar		32	115	:	52	17	17	:	221	17	_	:	4		475
,	I W	species	Unit	534	1,108	341	200	692	462	1,845	1,812	902	2,077	375	595	125	11,431
	Forest Inventory	Unit and county	Northwestern Ozark Unit	Benton	Camden	Cedar	Dallas	Hickory	Laclede	Maries	Miller	Morgan	Phelps	Polk	Pulaski	St. Clair	Total

(Table 9 continued on next page)

(Table 9 continued)

						Hardwoods	ods						
Forest Inventory	Black	Yellow			Cotton-	Black	Red oak	White	Black	Bass-		Other	Total
Unit and county	walnut Sweetgum	poplar	Tupelo	Sycamore	wood	cherry	group	group oak group	locust	wood	Elm ha	Elm hardwoods hardwoods	rdwoods
Northwestern Ozark Unit													
Benton		:	1	3	က	:	220	240	1	1	က	:	501
Camden	18	;	1	_	:	1	407	266	1	:	:	:	993
Cedar	13	:	1	12	9	:	123	113	1	:	;	1	341
Dallas	21	ŀ	;	13	ŀ	_	334	296	1	:	ŀ	1	707
Hickory	28	:	1	26	ŀ	:	299	264	1	:	ŀ	1	9/9
Laclede	33	:	1	_	:	:	269	132	1	1	:	:	442
Maries	14	:	1	36	36	1	807	903	1	:	4	1	1,845
Miller	:	:	1	8	2	:	646	926	1	:	:	1	1,591
Morgan	-	:	1	2	2	:	204	473	1	:	;	1	689
Phelps		:	1	80	ŀ	:	847	964	1	:	4	1	2,003
Polk	19	ŀ	;	4	ŀ	:	164	141	1	:	ŀ	0	375
Pulaski	14	:	;	13	_	:	279	234	1	:	_	1	554
St. Clair	13		-	5	4		49	29	-	-	-	0	125
Total	232	-	-	203	54	1	4,647	5,279	-		12	0	10,841

(Table 9 continued on next page)

(Table 9 continued)

Honey-locust

Ash

		Pecan Hackberry		:											:									:		2					:		
Hardwoods		Hickory Pe		26	:	:	26	14	19	:	က	18	:	27	42	:	က	55	21	_	_	17	က	18	;	:	:	102	:	23	:	09	31
	River	birch		1	;	1	ŀ	ŀ	ŀ	;	:	1	1	41	ŀ	ŀ	က	;	;	1	1	ŀ	ŀ	1	;	1	1	1	ŀ	ŀ	1	ŀ	;
	Hard	maple		က	1	:	2	ŀ	ŀ	;	:	;	;	ŀ	-	ŀ	;	:	1	;	1	0	i	0	;	;	;	:	ŀ	က	:	ŀ	_
	Soft	maple		34	;	က	26	11	_	33	33	106	1	109	28	;	22	4	46	2	6	ŀ	66	30	;	က	1	∞	ŀ	64	2	;	29
	Total	softwoods		:	1	:	:	:	တ	:	:	:	:	:	:	:	24	:	:	:	:	:	:	:	;	:	:	:	:	:	:	:	:
	(Cypress softwoods		1	1	1	1	1	1	:	:	1	1	1	1	1	:	1	1	1	1	1	1	1	;	1	1	1	1	1	1	;	:
Softwoods	White	pine		;	1	1	ŀ	ŀ	1	:	:	:	1	ŀ	ŀ	ŀ	:	:	1	1	1	ŀ	ŀ	;	1	1	1	:	ŀ	ŀ	:	:	:
	Shortleaf	pine		:	1	:	;	;	;	;	:	;	;	;	i	;	;	;	1	;	;	ŀ	ŀ	;	:	;	;	;	;	;	:	1	:
	Eastern	redcedar		:	;	1	ŀ	ŀ	6	:	:	:	:	ŀ	i	ŀ	24	:	;	:	:	ŀ	i	:	;	;	:	:	ŀ	ŀ	:	:	:
•	₹.	species		634	20	82	635	199	149	164	246	537	_	898	998	9	213	578	488	46	119	531	455	293	က	86	0	874	51	370	150	945	772
	Forest Inventory	Unit and county	Prairie Unit	Adair	Andrew	Atchison	Audrain	Barton	Bates	Buchanan	Caldwell	Carroll	Cass	Chariton	Clark	Clinton	Cooper	Dade	Daviess	De Kalb	Gentry	Greene	Grundy	Harrison	Henry	Holt	Jackson	Jasper	Johnson	Knox	Lafayette	Lawrence	Lewis

(Table 9 continued on next page)

(Table 9 continued)

ı							Hardwoods	spo						
Forest Inventory			Yellow			Cotton-	Black	Red oak	White	Black	Bass-	i	Other	Total
Unit and county	walnut	Sweetgum	poplar	Lupelo	Sycamore	poow	cherry	group	oak group	locust	poow	Elm hai	Elm hardwoods hardwoods	ardwoods
Prairie Unit														
Adair	82	:	1	1	က	99	_	196	203	1	7	တ	1	634
Andrew	0	:	:	1	1	17	1	2	-	:	:	;	0	20
Atchison	6	:	:	1	1	65	1	1	က	1	1	:	1	82
Audrain	13	:	1	ŀ	18	19	0	134	389	:	1	9	ŀ	635
Barton	26	:	1	ı	6	က	ŀ	70	26	:	1	ŀ	0	199
Bates	14	:	1	1	-	:	2	38	34	1	1	4	0	140
Buchanan	61	:	:	:	13	7	:	17	18	:	7	:	:	164
Caldwell	2	:	:	:	44	27	:	52	54	:	:	က	;	246
Carroll	54	:	:	:	53	62	-	113	78	:	:	9	;	537
Cass	~	:	;	:	:	;	:	:	;	;	;	:	;	_
Chariton	7	:	:	ŀ	81	86	0	310	144	က	:	41	1	898
Clark	54	:	1	ı	11	100	2	320	227	:	_	23	ŀ	866
Clinton	:	;	;	:	0	က	:	0	2	;	;	:	:	9
Cooper	61	1	:	1	23	15	_	37	10	;	1	က	1	188
Dade	56	1	:	1	19	3	1	211	173	;	1	i	1	578
Daviess	:	:	;	1	27	197	1	29	69	;	;	16	1	488
De Kalb	0	:	;	1	က	28	1	4	4	;	;	_	0	46
Gentry	22	:	1	1	က	20	0	19	9	1	1	-	0	119
Greene	188	_	1	1	2	:	i	107	213	:	1	i	1	531
Grundy	0	:	:	ł	13	167	ł	58	61	;	1	10	1	455
Harrison	12	1	:	1	16	125	1	27	23	;	1	13	1	293
Henry	:	:	:	:	:	:	:	:	က	:	:	:	:	က
Holt	4	:	:	:	:	98	:	:	က	:	:	:	;	86
Jackson	:	:	;	1	1	:	0	1	:	;	;	1	1	0
Jasper	124	:	:	1	23	9	1	383	162	1	1	:	1	874
Johnson	51	:	:	1	1	:	1	1	1	:	1	:	:	51
Knox	23	;	;	1	က	30	_	66	107	;	4	တ	;	370
Lafayette	22	:	:	1	38	:	0	37	37	:	1	:	;	150
Lawrence	125	2	1	1	37	1	0	331	236	1	1	;	:	945
Lewis	53	;	1	1	80	46	:	224	293	1	2	24	1	772
Lincoln	30	;	:	:	79	78	0	178	350	:	:	4	0	838

(Table 9 continued on next page)

(Table 9 continued)

	Honey-	locust		:	:	:	:	:	:	:	:	!	:	:	:	:	5	9	:	က	:	:	က	:	48
		Ash		22	23	10	9	;	2	:	က	22	_	2	4	19	18	28	က	9	7	_	20	:	202
		skberry		10	10	က	2	;	4	1	0	10	1	0	ŀ	18	;	;	1	1	4	ŀ	28	-	252
S		Pecan Hackberry		:	:	ł	:	:	:	:	:	1	1	ŀ	ŀ	2	:	:	1	1	ł	ŀ	2	-	16
Hardwoods		Hickory		23	16	28	6	;	39	;	0	29	9	7	22	58	14	15	10	17	27	15	79	:	096
	River	birch		ŀ	:	က	2	;	4	1	:	1	1	ŀ	ŀ	19	;	:	1	1	4	ŀ	:	:	20
	Hard	maple		-	:	-	3	:	2	:	:	80	0	-	က	-	0	:	-	-	က	-	:		63
	Soft	maple		108	117	26	20	:	35	:	က	49	1	34	19	53	17	33	54	189	29	28	14	2	1,652
	Total	softwoods		ŀ	;	_	:	:	:	:	19	0	:	0	0	:	:	9	_	:	0	ŀ	6	:	71
		Cypress		ŀ	1	1	1	:	1	1	:	1	1	ŀ	ŀ	1	:	:	1	1	1	ŀ	1	-	:
Softwoods	White	pine		ŀ	1	ŀ	:	:	:	:	:	1	ŀ	ŀ	ŀ	:	:	:	1	1	ŀ	ŀ	:	:	1
So	Shortleaf	pine		:	:	:	:	:	:	:	:	:	:	ŀ	ŀ	:	:	:	:	:	:	ŀ	:		:
	Eastern	redcedar		ŀ	:	_	:	:	:	:	19	0	1	0	0	:	:	9	-	1	0	ŀ	6	-	71
•	W	species		542	762	1,056	235	4	810	80	129	932	6	308	406	1,787	288	423	470	671	812	255	527	6	21,744
	Forest Inventory	Unit and county	Prairie Unit continued	Linn	Livingston	Macon	Marion	Mercer	Monroe	Nodaway	Pettis	Pike	Platte	Putnam	Ralls	Randolph	Ray	Saline	Schuyler	Scotland	Shelby	Sullivan	Vernon	Worth	Total

(Table 9 continued on next page)

(Table 9 continued)

Forest Inventory Unit and county	Joold													
it and county	DIACK		Yellow			Cotton-	Black	Red oak	White	Black	Bass-		Other	Total
	walnut	walnut Sweetgum	poplar	Tupelo	Sycamore	wood	cherry	group	oak group	locust	wood	Elm har	Elm hardwoods hardwoods	rdwoods
Prairie Unit continued														
Linn	2	:	1	:	2	73	:	167	116	:	:	15	;	542
Livingston	44	:	1	:	13	237	0	177	74	;	:	20	1	762
Macon	10	:	1	:	16	54	0	347	539	4	1	12	1	1,055
Marion	1	ŀ	1	:	10	6	0	69	83	2	;	တ	ŀ	235
Mercer	:	ŀ	1	:	:	:	:	~	က	i	;	:	ŀ	4
Monroe	2	:	:	:	35	49	0	377	240	4	:	11	ŀ	810
Nodaway	:	:	1	:	:	78	:	2	:	:	:	:	;	80
Pettis	9	:	1	:	လ	က	:	43	45	:	:	က	;	110
Pike	20	1	1	:	22	141	22	316	223	;	1	4	1	931
Platte	0	1	1	:	1	ŀ	;	2	1	;	1	:	1	6
Putnam	6	:	1	:	က	6	:	88	149	i	;	7	ŀ	308
Ralls	14	ŀ	1	1	15	4	0	145	169	ŀ	:	စ	ŀ	406
Randolph	15	:	1	1	99	99	0	692	749	2	:	22	ŀ	1,787
Ray	22	:	1	:	20	20	:	54	52	i	;	9	ŀ	288
Saline	26	:	:	:	69	62	0	92	92	:	:	စ	ŀ	417
Schuyler	167	:	:	1	~	25	4	26	140	:	:	7	1	469
Scotland	80	1	1	:	2	37	4	204	117	;	1	11	1	671
Shelby	6	:	1	:	27	25	0	308	346	2	1	15	1	812
Sullivan	9	ŀ	1	1	2	14	;	62	120	ŀ	:	9	ŀ	255
Vernon	20	:	1	:	16	23	:	86	179	:	:	2	;	519
Worth	:	-	:	:	1	7	1	0	7	1	1	:	:	6
Total	1,689	9	;	:	912	2,238	33	6,333	6,351	23	21	315	0	21,673

(Table 9 continued on next page)

(Table 9 continued)

	Honey-	locust		1	1	1	1	1	1	:	1	1	1	1	1	1	1	1	;	1	1	1	1	:	1	:	48
		Ash		6	_	99	က	31	10	က	15	7	21	0	:	7	4	1	102	15	2	_	28	28	2	358	1,769
		sckberry		2	1	က	2	:	1	~	4	1	_	0	2	_	2	1	_	:	2	1	1	:	-	56	350
ds		Pecan Hackberry		9	9	1	1	;	:	:	9	;	:	;	:	:	;	1	;	:	1	1	;	;	-	17	33
Hardwoods		Hickory		28	_	200	13	2	73	39	18	13	;	_	:	;	11	;	263	21	0	_	92	139	21	938	7,027
	River	birch		2	1	1	ŀ	ŀ	1	;	7	1	1	ŀ	1	1	1	1	1	1	1	ŀ	ŀ	;	-	6	59
	Hard	maple		0	0	9/	2	ŀ	10	∞	:	7	1	ŀ	1	1	-	1	29	4	23	2	43	38	53	368	702
	Soft	maple		27	လ	53	20	14	18	19	09	0	26	12	1	4	20	0	11	က	က	7	1	က	1	304	2,199
	Total	softwoods		4	118	∞	22	ŀ	32	168	:	141	:	699	214	4	116	4	9	:	0	2	101	4	:	1,648	8,634
		Cypress sc		;	1	ŀ	ŀ	ŀ	:	:	:	1	:	ŀ	:	4	1	4	:	;	ŀ	ŀ	ŀ	:	-	8	23
Softwoods	White	pine		1	1	1	ŀ	ŀ	1	;	;	1	1	ŀ	:	1	;	1	:	1	0	ŀ	ŀ	ŀ	-	0	0
Sof	Shortleaf	pine		:	:	9	:	:	2	2	:	4	:	:	:	:	:	:	2	:	:	:	42	4		29	5,064
	Eastern	redcedar		4	118	2	22	ŀ	27	163	:	137	:	699	214	:	116	:	4	;	0	2	29	:	-	1,573	3,547
	I ∀	species		716	646	1,988	621	178	1,326	1,614	544	485	87	927	290	45	998	18	2,754	228	335	116	1,703	954	723	17,463	127,464
	Forest Inventory	Unit and county	Riverborder Unit	Boone	Callaway	Cape Girardeau	Cole	Dunklin	Franklin	Gasconade	Howard	Jefferson	Mississippi	Moniteau	Montgomery	New Madrid	Osage	Pemiscot	Perry	Scott	St. Charles	St. Louis	Ste. Genevieve	Stoddard	Warren	Total	State total

(Table 9 continued on next page)

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							Hardwoods	spo						
Forest Inventory	Black		Yellow			Cotton-	Black	Red oak	White	Black	Bass-		Other	Total
Unit and county	walnut §	walnut Sweetgum	poplar	Tupelo	Sycamore	wood	cherry	group	oak group	locust	wood	Elm ha	Elm hardwoods hardwoods	ardwoods
Riverborder Unit														
Boone	12	:	1	1	32	69	0	240	277	2	1	2	:	712
Callaway	80	:	1	:	31	65	;	75	335	:	;	က	:	528
Cape Girardeau	36	16	122	7	48	4	4	758	571	:	:	7	:	1,980
Cole	17	;	1	:	22	38	-	204	239	i	ŀ	i	:	564
Dunklin	1	32	1	1	16	2	ŀ	54	14	ŀ	ŀ	11	:	178
Franklin	က	2	:	1	33	30	0	478	627	:	:	10	:	1,294
Gasconade	4	0	:	:	29	94	0	397	802	:	:	7	:	1,446
Howard	63	:	1	:	22	43	-	168	101	2	:	2	:	544
Jefferson	2	:	0	;	4	0	-	189	120	:	1	:	1	344
Mississippi	1	11	1	:	14	6	;	4	0	:	:	_	:	87
Moniteau	က	ŀ	1	1	53	1	0	121	29	ŀ	ŀ	ŀ	:	257
Montgomery	1	ŀ	1	1	:	19	ŀ	49	304	ŀ	ŀ	ŀ	:	376
New Madrid	1	12	1	:	7	6	i	ł	;	i	i	2	1	41
Osage	13	:	:	1	27	20	_	219	431	:	:	:	:	750
Pemiscot	1	4	1	!	4	9	1	ł	1	ł	ł	0	ł	14
Perry	45	0	26	25	32	12	13	1,096	1,021	:	:	က	0	2,748
Scott	_	က	17	;	:	2	7	94	63	1	1	_	1	228
St. Charles	14	_	1	:	7	49	1	108	91	:	:	_	:	334
St. Louis	9	;	1	:	4	ŀ	0	45	47	i	ŀ	i	:	114
Ste. Genevieve	4	:	~	1	45	25	က	725	633	ŀ	ŀ	ŀ	:	1,602
Stoddard	8	36	80	1	4	7	S	403	264	ł	ł	4	ł	950
Warren	13	1	-	:	42	29	0	116	405	-	-	1	:	723
Total	252	118	205	32	547	290	32	5,542	6,415	4		58	0	15,815
State total	2,943	374	246	103	2,207	3,022	157	60,356	36,618	28	21	265	1	118,829
0 = 1 ess than 500 cubic feet	c feet													

0 = Less than 500 cubic feet. Table may not sum due to rounding.

Table 10. -- Sawtimber removals from timberland for industrial roundwood by Forest Inventory Unit, county, and species group, Missouri, 2006

(In thousand board feet) 1

			Sc	Softwoods						Hardwoods	spc			
Forest Inventory	W	Eastern	Shortleaf	White		Total	Soft	Hard	River			Hack-		Honey-
Unit and county	species	redcedar	pine	pine	Cypress	softwoods	maple	maple	birch	Hickory	Pecan	berry	Ash	locust
Eastern Ozark Unit														
Bollinger	15,519	ł	29	;	4	72	108	453	ł	1,410	ł	2	915	1
Butler	7,923	0	702	1	74	775	26	13	ŀ	692	ŀ	9	40	ŀ
Carter	19,651	20	2,290	:	:	2,310	104	69	ŀ	1,628	ŀ	ŀ	149	ŀ
Crawford	10,015	483	182	1	1	999	37	48	ŀ	330	ŀ	1	33	ŀ
Dent	10,602	0	468	1	1	469	:	-	:	271	1	1	26	ł
Iron	15,593	18	732	:	:	751	6	17	:	531	:	:	18	:
Madison	16,189	18	1,225	1	:	1,243	_	105	:	1,258	:	0	52	1
Oregon	21,257	16	320	1	:	336	:	83	1	2,637	:	1	281	1
Reynolds	23,216	6	2,158	1	1	2,167	52	:	:	1,275	1	;	17	ŀ
Ripley	17,406	19	1,861	1	:	1,879	165	2	ŀ	2,057	ŀ	1	165	ŀ
Shannon	24,661	_	3,283	1	:	3,283	:	:	ł	1,590	ŀ	1	ŀ	ŀ
St. Francois	6,253	7	116	1	1	127	1	20	ŀ	374	ŀ	1	43	1
Washington	10,646	45	1,076	1	1	1,121	37	43	:	168	:	1	27	ł
Wayne	18,650	0	1,188	:	:	1,188	126	172	:	1,313	-	0	92	:
Total	217,582	641	15,667	:	78	16,386	969	1,027	:	15,612	-	8	1,857	:
Southwestern Ozark Unit	Unit													
Barry	4,955	38	:	1	:	38	2	က	:	204	:	129	231	;
Christian	740	19	:	1	:	19	:	:	:	43	:	1	9	;
Douglas	9,682	28	96	1	:	124	33	17	ŀ	416	1	1	49	1
Howell	14,063	1	414	1	:	414	:	83	1	1,360	1	1	188	1
McDonald	7,642	:	:	:	:	:	18	4	1	241	1	92	92	1
Newton	2,573	:	:	;	:	:	11	1	:	22	1	12	80	;
Ozark	4,681	832	69	:	:	901	:	:	1	169	1	1	က	;
Stone	344	29	:	;	:	29	1	2	ŀ	82	1	20	35	;
Taney	373	341	:	;	:	341	1	1	1	-	1	1	;	1
Texas	19,335	0	4,930	1	:	4,930	1	1	ŀ	553	1	1	;	1
Webster	1,274	17	:	:	:	17	1	1	:	13	1	1	:	:
Wright	4,465	:	58	:	:	58	:	-	:	46	1	1	28	:
Total	70,126	1,303	5,567	:	:	6,869	29	108	:	3,188	1	254	639	:

(Table 10 continued on next page)

(Table 10 continued)

							Hardwoods	spo						
Forest Inventory	Black	Sweet-	Yellow		Syca-	Cotton-	Black	Red oak	White	Black	Bass-		Other	Total
Unit and county	walnut	dnm	poplar	Tupelo	more	wood	cherry	group	oak group	locust	wood	Elm har	Elm hardwoods hardwoods	ardwoods
Eastern Ozark Unit														
Bollinger	24	24	84	31	434	89	40	980'9	5,719	1	1	48	0	15,448
Butler	2	273	:	က	93	140	က	4,072	1,655	ŀ	:	21	_	7,148
Carter	39	17	;	:	107	1	ŀ	11,047	4,164	ŀ	:	17	:	17,341
Crawford	7	11	;	:	129	1	1	3,394	5,315	ŀ	:	46	0	9,350
Dent	:	;	1	:	09	1	ŀ	6,056	3,695	1	1	25	:	10,134
Iron	2	:	1	က	9	1	:	11,465	2,789	:	:	:	:	14,843
Madison	09	17	0	48	86	6	54	8,823	4,381	:	:	39	:	14,946
Oregon	84	141	1	:	86	105	13	12,926	4,336	:	1	218	:	20,921
Reynolds	29	17	:	;	1	55	1	15,601	3,946	:	1	18	:	21,049
Ripley	7	331	61	:	40	161	:	8,694	3,714	1	1	131	:	15,527
Shannon	;	2	;	:	ŀ	1	;	15,510	4,275	ŀ	1	:	:	21,378
St. Francois	27	:	:	:	45	6	0	2,998	2,602	:	:	7	:	6,126
Washington	9	_	:	:	89	0	0	5,375	3,771	1	;	53	!	9,526
Wayne	16	46	2	17	181	131	9	10,337	4,956	-	-	29	:	17,462
Total	344	880	148	104	1,359	629	116	122,384	55,318	-	-	999	1	201,196
Southwestern Ozark Unit	nit													
Barry	340	9/	2	2	72	26	-	2,550	1,272	:	:	:	:	4,917
Christian	133	:	1	:	:	1	:	341	198	:	:	_	:	721
Douglas	325	:	1	35	167	1	70	5,914	2,525	1	1	7	0	9,559
Howell	217	1	1	1	273	105	69	8,242	3,082	1	1	31	:	13,649
McDonald	392	12	9	121	149	1	;	4,700	1,816	1	1	1	:	7,642
Newton	434	:	:	6	13	1	;	1,721	308	1	1	1	:	2,573
Ozark	209	:	:	1	93	1	69	1,933	1,304	;	1	1	:	3,781
Stone	27	:	:	:	10	1	1	86	20	;	1	1	:	315
Taney	က	:	:	:	;	1	1	18	6	;	1	1	:	32
Texas	246	:	:	1	80	1	:	9,920	3,678	;	1	1	:	14,405
Webster	287	:	:	:	:	:	:	714	242	:	;	;	1	1,257
Wright	513	;	;	:	35	:	:	2,236	1,550	;	:	:	:	4,407
Total	3,126	88	11	168	820	131	210	38,375	16,032	:	:	39	0	63,256

(Table 10 continued on next page)

(Table 10 continued)

	Honey-	locust		!	!	!	:	:	!	!	!	!	!	:	:	:	1
		Ash		14	က	29	45	က	က	26	-	:	18	16	9	38	238
	Hack-	berry		1	1	1	9	1	1	တ	1	_	1	ŀ	ŀ	-	16
sp		Pecan		1	1	1	1	:	1	1	1	1	1	1	1	-	:
Hardwoods		Hickory		69	2	160	114	108	26	22	19	15	332	168	40	38	1,151
	River	birch		:	1	:	1	:	:	:	:	:	1	1	1	:	:
	Hard	maple		1	1	1	1	1	1	_	_	0	က	1	1	-	4
	Soft	maple		14	1	22	1	1	1	80	-	80	9	ŀ	က	19	187
	Total	softwoods		173	126	:	58	18	36	:	968	18	304	i	83	-	1,713
		Cypress softwoods		:	1	1	:	:	:	:	:	:	1	:	:		:
Softwoods	White	pine		;	;	;	;	:	:	;	;	;	;	;	;	:	:
Sc	Shortleaf	pine		:	;	1	;	:	18	;	:	1	303	;	6/	-	399
	Eastern	redcedar		173	126	1	28	18	18	:	968	18	_	;	4	-	1,314
	All	species	Jnit	2,042	4,063	1,289	2,674	2,550	1,682	7,265	7,014	2,833	8,009	1,398	2,129	481	43,429
	Forest Inventory	Unit and county	Northwestern Ozark Unit	Benton	Camden	Cedar	Dallas	Hickory	Laclede	Maries	Miller	Morgan	Phelps	Polk	Pulaski	St. Clair	Total

(Table 10 continued on next page)

(Table 10 continued)

,							Hardwoods	spoc						
Forest Inventory	Black	Sweet-	Yellow		Syca-	Cotton-	Black	Red oak	White	Black	Bass-		Other	Total
Unit and county	walnut	dnm	poplar	Tupelo	more	poow	cherry	group	group oak group	locnst	wood	Elm hard	Elm hardwoods hardwoods	rdwoods
Northwestern Ozark Unit	Jnit													
Benton	48	:	:	:	14	14	:	806	877	:	:	14	:	1,868
Camden	80	:	:	:	က	:	1	1,488	2,359	:	1	1	:	3,937
Cedar	28	;	;	:	48	36	1	448	414	1	ŀ	ŀ	:	1,289
Dallas	95	:	;	:	49	ŀ	2	1,223	1,083	1	ŀ	ŀ	:	2,616
Hickory	263	:	:	:	66	:	1	1,095	965	:	1	1	:	2,532
Laclede	147	:	:	:	2	:	1	983	483	:	1	:	:	1,646
Maries	63	:	;	:	139	205	က	2,952	3,716	1	1	15	:	7,265
Miller	13	:	;	:	30	14	1	2,363	3,676	1	1	1	:	6,117
Morgan	9	;	;	:	80	10	1	748	2,018	1	ŀ	1	;	2,814
Phelps	92	;	;	:	309	ŀ	1	3,091	3,868	1	ŀ	15	;	7,705
Polk	85	:	;	:	16	ŀ	1	299	514	1	ŀ	ŀ	0	1,398
Pulaski	92	:	;	:	49	4	1	1,019	855	1	ŀ	9	:	2,046
St. Clair	22	:	-	1	19	24	:	181	105	:	:	1	0	481
Total	1,044	:	:	:	788	309	2	16,995	20,931			20	1	41,716

(Table 10 continued on next page)

(Table 10 continued)

				1										
	•		- 1	SOITWOODS						Hardwoods	SE			
Forest Inventory	All	Eastern	Shortleaf	White		Total	Soft	Hard	River			Hack-		Honey-
Unit and county	species	redcedar	pine	pine	Cypress	softwoods	maple	maple	birch	Hickory	Pecan	berry	Ash	locust
Prairie Unit														
Adair	2,621	:	:	1	1	1	131	10	:	102	:	1	17	;
Andrew	111	1	:	:	:	1	:	1	:	;	;	1	ł	:
Atchison	445	:	:	:	:	:	1	:	:	:	:	10	1	:
Audrain	2,679	:	:	;	i	;	101	7	;	66	i	ŀ	o	1
Barton	790	:	:	:	i	;	4	:	;	52	i	ω	34	1
Bates	545	10	:	:	i	10	2	:	;	73	34	40	16	19
Buchanan	629	:	:	;	i	:	129	:	;	;	i	ŀ	26	1
Caldwell	982	:	:	;	i	:	126	:	;	10	i	ŀ	83	19
Carroll	2,186	:	:	:	;	:	407	:	:	69	;	:	160	20
Cass	9	:	:	:	:	:	:	:	:	:	:	:	1	:
Chariton	3,448	:	:	;	i	;	420	:	22	103	i	53	159	20
Clark	3,548	:	:	:	:	1	222	9	:	160	:	1	94	1
Clinton	29	1	:	:	:	;	:	1	:	;	:	:	:	:
Cooper	857	109	:	:	:	109	79	:	∞	10	:	14	32	:
Dade	2,193	:	:	:	:	1	14	1	:	214	:	92	124	:
Daviess	2,232	:	:	:	;	:	175	:	:	79	;	:	175	:
De Kalb	229	:	:	:	:	:	ဂ	:	:	2	;	:	6	:
Gentry	531	;	:	;	1	:	8	:	;	2	:	1	6	1
Greene	2,336	:	:	;	i	:	:	_	;	99	i	ŀ	4	:
Grundy	2,051	:	:	:	i	;	383	:	;	10	i	ŀ	164	1
Harrison	1,371	:	:	:	:	:	117	_	:	73	:	:	108	:
Henry	10	:	:	:	:	:	:	1	:	;	:	1	:	:
Holt	545	ł	;	1	1	1	12	1	ŀ	1	1	10	ŀ	:
Jackson	0	1	:	:	1	1	1	1	1	;	1	1	1	:
Jasper	3,352	1	:	:	:	1	31	1	:	393	;	127	124	:
Johnson	230	:	:	:	:	1	:	1	:	:	:	1	:	:
Knox	1,517	:	:	:	:	1	246	13	:	87	:	1	17	ŀ
Lafayette	576	:	:	:	:	:	19	1	:	;	ŀ	ŀ	19	19
Lawrence	3,611	1	:	;	:	:	:	:	ŀ	232	1	247	329	:
Lewis	3,073	;	;	1	:	1	259	9	;	121	:	1	75	7
Lincoln	3,582	0	;	:	1	0	186	93	:	138	1	19	19	:

(Table 10 continued on next page)

(Table 10 continued)

•							Hardwoods	spo						
Forest Inventory	Black	Sweet-	Yellow	- H	Syca-	Cotton-	Black	Red oak	White	Black	Bass-	ī	Other	Total
Unit and county	walnut	dnm	poplar	l upelo	more	Mood	cherry	group	oak group	locust	Mood	Elm hard	Elm hardwoods hardwoods	dwoods
Prairie Unit														
Adair	367	:	:	:	12	384	က	718	818	:	56	32	:	2,621
Andrew	0	:	:	:	1	100	1	80	2	1	1	1	0	111
Atchison	39	:	:	:	1	374	1	1	11	1	1	1	:	445
Audrain	09	:	ŀ	ŀ	71	109	_	489	1,709	1	1	24	ŀ	2,679
Barton	254	:	:	ŀ	33	18	1	255	94	1	1	ŀ	0	790
Bates	61	:	:	:	2	:	9	137	123	1	1	17	0	536
Buchanan	276	:	:	:	51	42	1	64	65	1	26	:	:	629
Caldwell	20	:	:	1	170	153	:	192	198	1	1	10	:	982
Carroll	244	:	:	1	203	356	က	415	286	1	1	24	;	2,186
Cass	9	:	:	1	1	1	1	1	ŀ	1	1	1	1	9
Chariton	32	:	:	1	311	292	0	1,136	526	13	1	54	:	3,448
Clark	242	:	:	ŀ	42	580	7	1,169	920	1	9	88	ŀ	3,548
Clinton	:	:	:	;	~	18	1	~	6	1	1	;	ŀ	29
Cooper	272	:	:	:	84	29	က	136	38	1	:	14	:	748
Dade	250	:	:	;	72	18	1	773	633	1	1	1	;	2,193
Daviess	:	:	:	;	104	1,136	1	247	253	1	1	63	1	2,232
De Kalb	0	:	:	1	10	164	1	14	14	1	:	2	0	229
Gentry	256	:	:	1	10	117	2	69	23	1	1	2	-	531
Greene	846	4	ŀ	ŀ	9	1	1	391	1,009	1	1	ŀ	ŀ	2,336
Grundy	1	:	:	1	20	296	1	213	223	1	1	39	:	2,051
Harrison	54	:	:	1	61	724	1	66	84	1	1	49	;	1,371
Henry	!	!	:	1	1	1	1	1	10	1	1	1	1	10
Holt	16	:	:	1	1	495	1	1	12	1	1	ł	;	545
Jackson	:	:	:	:	1	1	0	1	1	1	1	1	:	0
Jasper	256	:	:	:	88	36	1	1,402	594	1	1	1	:	3,352
Johnson	230	:	:	;	1	1	!	!	1	1	1	1	;	230
Knox	102	:	:	;	11	175	4	361	449	1	17	32	;	1,517
Lafayette	86	;	:	1	148	1	0	137	136	1	1	1	ŀ	216
Lawrence	561	21	:	1	144	1	0	1,212	864	1	1	1	1	3,611
Lewis	238	;	:	:	31	264	1	820	1,149	1	7	93	1	3,073
Lincoln	133	:	:	1	305	452	-	652	1,570	1	:	15	0	3,582

(Table 10 continued on next page)

(Table 10 continued)

	Honey-	locust		1	1	1	ŀ	1	:	1	1	1	1	ł	1	1	20	23	1	11	1	1	13	1	186
		Ash		84	203	40	22	1	10	:	15	26	2	6	17	75	69	112	13	24	4	2	77	:	2,727
	Hack-	berry		38	38	13	∞	ŀ	16	;	-	38	1	_	ŀ	7.1	ŀ	:	1	;	15	1	108	-	696
sp		Pecan		;	ŀ	ı	ŀ	ŀ	:	;	:	1	;	ŀ	ŀ	7	ŀ	;	;	;	ı	ŀ	20	:	62
Hardwoods		Hickory		06	63	106	34	;	152	:	0	110	26	28	98	222	22	28	39	65	105	29	306	:	3,705
	River	birch		1	:	13	6	1	16	:	:	:	1	1	1	72	1	:	:	;	17	:	1	:	189
	Hard	maple		2	ŀ	Ŋ	11	ŀ	7	:	:	29	_	4	13	ß	_	:	S	2	11	4	:	-	242
	Soft	maple		417	451	102	9/	1	137	:	17	189	1	130	74	206	99	132	209	727	113	108	22	7	6,369
	Total	softwoods		:	:	_	i	i	:	i	104	0	;	0	0	i	i	34	_	:	0	:	10	:	270
		Cypress s		1	:	:	:	:	:	:	:	:	1	:	:	:	:	:	:	;	:	:	:	-	-
Softwoods	White	pine		ŀ	:	:	i	ŀ	:	:	:	:	1	i	ŀ	i	i	:	:	:	:	i	:		:
Š	Shortleaf	pine		:	:	:	i	:	:	:	:	:	:	i	ŀ	i	i	:	:	;	:	i	:	:	:
	Eastern	redcedar		:	:	_	i	ŀ	:	:	104	0	:	0	0	i	i	34	-	:	0	i	10	-	270
'	I	species		2,230	3,371	4,347	926	15	3,154	460	541	3,788	37	1,231	1,575	7,089	1,202	1,759	1,989	2,706	3,109	1,056	2,031	49	89,058
	Forest Inventory	Unit and county	Prairie Unit continued	Linn	Livingston	Macon	Marion	Mercer	Monroe	Nodaway	Pettis	Pike	Platte	Putnam	Ralls	Randolph	Ray	Saline	Schuyler	Scotland	Shelby	Sullivan	Vernon	Worth	Total

(Table 10 continued on next page)

(Table 10 continued)

	Other Total	Elm hardwoods hardwoods		2,230	3,371	4,346	926	15	3,154	460	437	3,787	37	1,231	1,575	7,089	1,202	1,725	1,988	2,706	3,109	1,056	2,021	49	2 88,788
		Elm hardw		28	77	48	33	:	44	:	14	16	:	26	36	98	23	39	29	42	26	22	80		1,226
	Bass-	wood		1	:	1	:	ŀ	1	1	1	1	ł	:	:	:	:	1	1	1	1	ŀ	:	-	81
	Black	locust		1	;	15	6	ŀ	15	1	;	1	1	:	:	19	:	1	1	1	19	ŀ	1	-	06
	White	oak group		478	270	2,314	360	12	932	1	172	817	1	610	674	3,089	189	276	574	489	1,320	517	929	2	25,573
Spoo	Red oak	group		611	648	1,268	251	2	1,381	7	157	1,156	9	320	529	2,532	197	336	205	747	1,126	227	357	1	23,177
- I al awoods	Black	cherry		1	2	_	0	1	0	1	1	85	1	:	_	_	1	_	14	17	0	1	1	-	151
	Cotton-	wood		419	1,371	314	54	:	283	453	19	814	1	54	23	380	290	359	143	215	143	82	134	39	12,896
	Syca-	more		9	51	61	38	:	136	:	17	211	1	10	29	255	194	272	2	7	104	80	63	-	3,520
		Tupelo		:	:	;	1	;	!	:	1	1	1	1	1	1	:	:	;	;	;	;	1	-	:
	Yellow	poplar		;	1	1	:	;	;	;	1	;	;	:	;	:	;	;	;	;	1	:	:	-	1
	Sweet-	dnm		:	:	:	:	:	:	:	:	!	!	:	:	:	:	:	:	:	:	ŀ	:	:	25
	Black	walnut		24	197	46	52	ŀ	24	1	26	225	-	39	64	69	86	116	753	358	39	26	224	:	7,597
	Forest Inventory	Unit and county	Prairie Unit continued	Linn	Livingston	Macon	Marion	Mercer	Monroe	Nodaway	Pettis	Pike	Platte	Putnam	Ralls	Randolph	Ray	Saline	Schuyler	Scotland	Shelby	Sullivan	Vernon	Worth	Total

(Table 10 continued on next page)

(Table 10 continued)

		SS	Sortwoods						Hardwoods	spo			
₹	Eastern	Shortleaf	White		Total	Soft	Hard	River			Hack-		Honey-
species	redcedar	pine	pine	Cypress	softwoods	maple	maple	birch	Hickory	Pecan	berry	Ash	locust
2,792	6	;	:	1	6	104	~	တ	108	22	80	36	1
2,800	426	;	:	1	426	12	~	1	က	22	ŀ	4	1
8,047	2	29	:	1	32	203	319	1	829	1	11	259	1
2,416	246	;	:	1	246	11	18	:	52	ŀ	6	13	1
889	:	:	:	1	:	54	:	ŀ	80	:	ŀ	119	1
5,126	30	27	:	1	22	70	38	:	280	ŀ	;	38	1
6,814	842	24	:	:	865	74	30	:	152	:	က	13	:
2,067	:	:	:	1	:	201	:	23	20	22	14	52	1
1,456	152	18	:	1	170	0	29	:	48	;	:	28	1
371	1	:	:	1	:	108	1	1	;	:	က	87	1
3,861	2,843	:	:	1	2,843	46	:	ŀ	က	ŀ	_	2	i
2,892	1,111	:	:	1	1,111	1	:	:	:	:	19	1	i
200	:	:	:	20	20	15	1	1	:	:	2	26	i
3,488	553	:	:	1	553	79	3	:	42	:	6	17	1
87	:	:	:	20	20	-	:	:	:	:	:	1	1
11,291	4	6	;	1	14	4	291	1	1,092	:	4	400	1
877	:	;	:	1	:	13	14	1	82	:	ŀ	61	1
1,356	0	1	0	1	0	12	205	1	~	:	19	7	1
454	က	;	:	1	က	26	6	:	က	ŀ	;	2	1
7,573	99	216	:	1	282	:	215	ŀ	465	:	ŀ	110	1
3,726	:	20	:	1	20	13	146	:	536	:	:	110	1
3,186	:	:	:	:	:	4	205	:	82	:	1	9	1
71,567	6,288	343	0	41	6,672	1,155	1,526	31	3,856	29	101	1,393	1
767	0.046	21 076	c	110	31 011	8 473	2 907	221	27.512	120	1 3/8	6 855	186

(Table 10 continued on next page)

							Hardwoods	spo						
Forest Inventory	Black	Sweet-	Yellow		Syca-	Cotton-	Black	Red oak	White	Black	Bass-		Other	Total
Unit and county	walnut	gum	poplar	Tupelo	more	wood	cherry	group	oak group	locust	wood	Elm hard	Elm hardwoods hardwoods	rdwoods
Riverborder Unit														
Boone	52	:	:	:	125	396	_	878	1,016	6	:	18	:	2,783
Callaway	38	:	1	:	118	378	:	274	1,514	:	1	1	:	2,374
Cape Girardeau	163	63	476	28	210	81	15	2,982	2,350	1	1	27	:	8,015
Cole	75	;	1	:	86	219	က	746	874	;	ŀ	:	:	2,170
Dunklin	;	123	1	:	63	26	ı	200	51	;	i	4	:	688
Franklin	15	7	:	:	127	174	0	1,749	2,531	:	:	40	:	5,069
Gasconade	20	_	:	:	258	542	_	1,452	3,374	ŀ	:	28	ŀ	5,949
Howard	282	:	:	:	205	197	က	614	368	6	:	∞	:	2,067
Jefferson	11	:	0	:	16	_	4	691	457	:	:	:	:	1,285
Mississippi	;	43	1	:	26	54	:	14	0	;	1	9	:	371
Moniteau	14	;	1	:	265	i	-	441	246	;	i	:	:	1,018
Montgomery	:	ŀ	;	:	ŀ	109	ŀ	180	1,473	ŀ	ŀ	:	:	1,781
New Madrid	:	45	;	:	28	54	ŀ	:	:	;	ŀ	တ	:	180
Osage	28	:	:	:	102	117	က	803	1,703	;	:	:	:	2,935
Pemiscot	:	14	:	:	14	36	ŀ	1	;	ŀ	ŀ	_	ŀ	99
Perry	201	_	216	97	153	69	52	4,351	4,294	;	;	13	0	11,277
Scott	3	13	89	:	:	26	7	349	239	1	1	က	:	877
St. Charles	61	4	;	;	28	284	ł	396	334	1	1	4	:	1,356
St. Louis	28	ŀ	;	:	14	ŀ	_	167	196	ŀ	ŀ	:	:	451
Ste. Genevieve	18	:	2	:	222	147	13	3,103	2,993	;	ŀ	:	:	7,291
Stoddard	34	140	32	:	15	63	20	1,481	1,101	:	:	15	:	3,707
Warren	59	4	-		163	387	0	426	1,845	-		4	:	3,186
Total	1,131	457	797	124	2,267	3,361	123	21,296	26,962	17	:	230	0	64,895
State total	13,241	1,449	955	396	8,755	17,376	909	222,225	144,816	107	81	2,210	2	459,851
0 = Less than 500 board feet.	rd feet.													

^{0 =} Less than 500 board feet. ¹ International 1/4-inch rule. Table may not sum due to rounding.

Table 11. -- Harvest residue generated by industrial roundwood harvesting by Forest Inventory Unit, county, and species group, Missouri, 2006

(In thousand cubic feet)

Forest Inventory All Eastern Enstern Shortlead White Total Total Birch Institute of the pine Cypress softwoods Pine Pine Pine Pine Pinch Institute of the pine Pine Pinch Institute of the pine Pinch Institute of the pine Pine Pine Pine Pinch Institute of the pinch Institute of the pinch Institute of the pinch Institute of the pine Pine				naidwoods	SDC			
ecies redcedar pine Cypress softwoods maple maple 1,751 - 8 - 9 5 7 40 1,751 - 86 - 9 95 7 40 1,834 0 86 - 9 95 7 40 1,834 0 66 - 9 95 7 40 1,835 28 22 - - 297 19 19 1,829 0 61 - - 297 19 19 1,829 15 - - 164 0 29 19 4,314 1 - - - - 24 4 4,314 1 - <th></th> <th></th> <th></th> <th></th> <th></th> <th>Hack-</th> <th></th> <th>Honey-</th>						Hack-		Honey-
1,761	Cypress softw			Hickory	Pecan	berry	Ash	locust
1,761 - 8 - 1 9 27 40 1,381 0 86 - 9 95 7 1 1,381 0 86 - 9 95 7 1 1,558 28 22 - - 50 19 19 1,829 0 61 - - 62 - 0 19 1,829 0 61 - - 62 - 0 19 2,844 15 8 1 - - 271 15 - <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>								
1,381 0 86 - 9 9 7 1 1,535 16 281 - 297 297 19 1,535 28 22 - - 61 10 13 1,536 15 87 - - 102 - 0 13 2,934 15 87 - - 102 - 2 4 4 3,042 15 149 - - 164 0 29 4 - 23 4 - 23 4 - 23 4 - 23 - - 23 4 - 23 4 - - 23 - - 23 - - - 23 - <td>_</td> <td>27</td> <td></td> <td>176</td> <td>:</td> <td>_</td> <td>141</td> <td>:</td>	_	27		176	:	_	141	:
1,555 1,6 281 297 19 19 1,555 28 22 10 13 1,829 0 61	6	7		188	:	2	7	:
1,536 28 22 - 51 10 13 1,829 0 61 - 62 - 0 6 1,829 0 61 - 62 - 0 9 3,042 15 149 - - 164 0 29 4,371 7 263 - - 242 - 23 4,371 7 263 - - 242 - - 23 4,371 7 263 - - 242 - - 23 4,371 7 263 - - 242 -	:	29		454	;	:	42	:
1,829 0 61 62 0 2,954 15 87 102 2 4 2,954 15 149 164 0 29 3,042 15 149 - 24 4 0 29 4,316 13 41 22 23 23 4,581 1 394 244 6 0 4,581 1 394 246 0 23 4,581 1 394 24 46 0	:	10		92	:	:	6	:
2,954 15 87 - 102 2 4 3,042 15 149 - - 164 0 29 3,042 15 149 - - 164 0 29 4,316 1 263 - - 242 46 0 29 4,371 15 227 - - 242 46 0 29 4,581 1 394 - - 242 46 0 0 1,115 8 1,4 - - 22 - - - - 6 -	:	:		75	:	:	7	:
3,042 15 149 164 0 29 4,316 13 41 54 23 4,371 7 263 54 23 4,371 7 263 54 23 3,431 15 227 46 0 29 4,581 1 394 242 4,581 1 394 165 1,115 8 1,44 165 1,140 0 1,45 165 178 184 1,140 0 1,45	:	2		148	:	i	22	:
4,316 13 41 - 54 - 23 4,371 7 263 - - 271 15 - 23 4,371 7 263 - - 242 46 0 3,431 15 227 - - 242 46 0 4,581 1 394 - - 22 - - 6 1,115 8 1,4 - - 22 - 6 - 1,934 35 129 - - 145 31 36 3,140 0 145 - - 145 31 36 1,013 30 - - - - 31 178 184 1,014 15 - - - - - - - - - - - - - - - - <t< td=""><td> 164</td><td>0</td><td> 67</td><td>351</td><td>:</td><td>0</td><td>14</td><td>:</td></t<>	164	0	67	351	:	0	14	:
4,371 7 263 - 271 15 - 271 - 272 - - 242 46 0 4,581 1 227 - - 242 46 0 4,581 1 394 - - 242 - - - 1,115 8 14 - - 22 - - 6 1,934 35 129 - - 145 10 12 - <	54	1		736	:	ŀ	78	:
4,431 15 227 - 242 46 0 4,581 1 394 - - 242 -	271	15	:	356	:	:	2	:
4,581 1 394 395 6 6 6 6 6		46		574	:	:	46	:
1,115 8 14 22 6 1,934 35 129 165 10 12 3,140 0 145 145 10 12 3,150 154 1,909 10 2,073 178 184 1,013 30 10 2,073 178 184 1,48 15 34 184 184 1,48 22 12 1,848 22 12 34 9 5 1,848 22 12 34 9 5 1,494 474	:	1		442	:	:	:	:
1,934 35 129 165 10 12 3,140 0 145 145 31 36 3,150 154 1,909 10 2,073 178 184 1,013 30 30 1 1 1 1,48 15 34 9 5 1,848 22 12 34 9 5 <td>:</td> <td>:</td> <td></td> <td>104</td> <td>:</td> <td>:</td> <td>12</td> <td>:</td>	:	:		104	:	:	12	:
3,140 0 145 - - 145 31 36 3,150 154 1,909 - 10 2,073 178 184 1,013 30 - - - 30 - - - 1,48 15 - - - 34 - - - 1,848 22 12 - - 34 9 5 1,848 22 12 - - 34 9 5 1,848 22 12 - - 34 9 5 1,848 22 12 - - 34 9 5 1,494 - - - - - - - - - 474 - - - - - - - - - - - - - - - - -	:	10		47	1	ŀ	7	:
1,150 154 1,909 10 2,073 178 184 1,013 30 30		31	36	299	-	0	20	:
1,013 30 30 148 15 15 1,848 22 12 1,848 22 12 1,494 50 23 1,494 23 474 3 475 3 1,359 668 8 676 73 23 23 280 274 2,47 3,142 0 376 2,37 2,37 3,142 0 376 2,37 2,37		178 1	34	4,042		2	394	:
1,013 30 30 1 1 148 15 15 23 23 23 23 23 23 23								
s 148 15 15 23 23 <	:			54	:	36	61	:
s 1,848 22 12 34 9 5 2,795 50 50 23 ald 1,494 5 1 1 474 3 1 459 668 8 676 73 23 23 0 280 274 274 3,142 0 376 3,142 0 376 3,77 3,142 0 376 3,73 3,142 0 376	:			12	:	:	2	:
2,795 50 53 ald 1,494 5 1 1 474 3 1 1,359 668 8 676 73 23 23 0 0 280 274 274 0 3,142 0 376 773 8 8	:	6		116	:	:	14	:
ald 1,494 3 1 1	20	:		379	:	:	52	:
1,359 668 8 676	:	2		29	:	26	56	:
1,359 668 8 676 73 23 23 0 280 274 274 3,142 0 376 376 3r 237 14 8 8				16	!	က	7	:
73 23 23 0 280 274 274 3,142 0 376 376 3r 237 14 14 773 8 8	:	1		47	:	;	_	:
280 274 274 274 376 376 376 376 376	:		_	∞	:	9	6	:
3,142 0 376 376 376 377	:			0	:	ŀ	;	:
3r 237 14 14 7773 8 8	:			154	:	:	:	:
773 8	:	1		4	-	:	1	:
	8	:		13		-	8	:
Total 13,636 1,046 454 1,500 19 30		19	30	870	:	71	174	:

(Table 11 continued on next page)

(Table 11 continued)

							Hardwoods	spo						
Forest Inventory	Black	Sweet-	Yellow		Syca-	Cotton-	Black	Red oak	White	Black	Bass-		Other	Total
Unit and county	walnut	dnm	poplar	Tupelo	more	wood	cherry	group	oak group	locust	wood	Elm har	Elm hardwoods h	hardwoods
Eastern Ozark Unit														
Bollinger	က	9	21	6	49	ω	10	726	532	:	;	4	0	1,752
Butler	0	63	i	_	24	16	-	734	243	:	ŀ	~	0	1,287
Carter	2	S	i	ŀ	30	ŀ	ł	2,095	778	:	ŀ	2	;	3,463
Crawford	_	က	:	:	36	:	:	644	663	:	:	13	0	1,484
Dent	1	;	:	1	17	:	;	1,149	513	:	ŀ	7	1	1,767
Iron	~	:	i	_	2	ŀ	ŀ	2,175	513	:	ŀ	;	:	2,852
Madison	ω	2	0	13	27	_	15	1,674	728	:	ŀ	11	:	2,878
Oregon	11	39	1	ŀ	27	12	0	2,452	823	:	;	61	;	4,262
Reynolds	6	S	i	1	:	9	ŀ	2,960	741	:	ŀ	2	:	4,101
Ripley	_	92	17	1	11	18	1	1,649	869	:	:	37	:	3,189
Shannon	:	~	:	:	:	:	:	2,933	810	:	:	:	;	4,186
St. Francois	က	:	:	1	13	_	0	568	384	:	1	2	:	1,092
Washington	_	0	ŀ	ŀ	19	0	0	1,020	646	:	1	80	1	1,770
Wayne	2	6	0	5	49	15	2	1,824	693		-	10	:	2,995
Total	45	227	39	29	303	77	28	22,602	8,765		-	163	0	37,078
Southwestern Ozark Unit	1													
Barry	46	21	_	_	20	က	0	493	244	:	:	:	:	983
Christian	17	:	:	1	:	:	1	64	38	:	:	0	:	133
Douglas	42	;	1	10	47	ŀ	19	1,122	428	:	ŀ	2	0	1,814
Howell	28	:	:	1	92	12	19	1,563	585	:	:	6	:	2,746
McDonald	53	3	2	34	42	:	1	892	345	:	:	1	;	1,494
Newton	29	1	1	2	4	:	1	326	28	!	1	1	1	474
Ozark	26	1	:	1	26	:	19	367	197	:	:	1	:	683
Stone	2	;	:	:	က	:	:	14	6	:	:	;	:	20
Taney	0	1	:	1	:	:	;	3	2	-	:	1	:	9
Texas	33	1	1	ł	7	1	1	1,880	269	;	1	1	:	2,765
Webster	38	1	:	1	:	:	;	136	46	:	;	;	;	223
Wright	29	:	:	:	10	;	;	424	243	:	:	:	:	765
Total	412	24	3	47	229	15	58	7,283	2,891	:	:	11	0	12,136

(Table 11 continued on next page)

(Table 11 continued)

			Ś	Softwoods						Hardwoods	spc			
Forest Inventory	IIA	Eastern	Shortleaf	White		Total	Soft	Hard	River			Hack-		Honey-
Unit and county	species	redcedar	pine	pine	Cypress softwoods	spoomtjos	maple	maple	birch	Hickory	Pecan	berry	Ash	locust
Northwestern Ozark Unit	k Unit													
Benton	351	2	:	:	:	2	0	:	:	19	:	:	0	:
Camden	704	101	:	:	:	101	:	:	:	-	:	:	_	1
Cedar	268	;	1	;	1	1	16	1	1	45	;	;	19	1
Dallas	222	46	:	:	:	46	ŀ	1	ŀ	32	:	2	13	:
Hickory	200	15	1	:	:	15	:	:	:	30	:	:	_	:
Laclede	324	15	2	:	:	17	:	1	1	7	:	:	-	:
Maries	1,186	:	:	:	:	:	22	0	:	16	:	2	7	:
Miller	1,104	81	1	:	:	81	0	0	1	2	:	:	0	:
Morgan	410	15	1	:	1	15	2	0	1	4	;	0	:	!
Phelps	1,383	_	36	:	1	37	2	_	1	92	;	:	2	!
Polk	276	:	1	:	:	:	ŀ	1	ŀ	47	:	:	4	1
Pulaski	407	3	11	1	:	14	_	1	;	11	:	:	2	:
St. Clair	6	1	1	1	1	:	5	:	:	11	:	-	11	:
Total	7,568	282	49	:	-	331	49	1	:	321		4	63	:

(Table 11 continued on next page)

(Table 11 continued)

	Total	hardwoods		347	603	268	510	485	307	1,186	1,023	395	1,347	276	393	97	7,237
	Other	Elm hardwoods hardwoods		:	:	;	:	:	:	:	:	:	1	0	:	0	0
		Elm h		0	1	1	1	;	1	4	1	1	4	1	2	-	10
	Bass-	wood		:	;	:	:	:	:	:	:	;	:	:	:	-	:
	Black	locust		:	:	:	ŀ	:	:	:	:	:	:	:	:		:
	White	group oak group		166	307	79	205	183	92	503	257	242	563	86	162	20	3,176
spc	Red oak	group		153	282	85	232	208	186	260	448	142	286	114	193	34	3,224
Hardwoods	Black	cherry		:	1	1	_	;	1	_	1	1	1	1	;	-	7
	Cotton-	wood		0	;	4	:	1	:	23	2	-	1	1	0	3	34
	Syca-	more		0	_	13	14	28	_	39	80	2	98	4	14	5	216
		Tupelo		:	;	;	ŀ	1	:	:	:	;	:	:	1	-	:
	Yellow	poplar		:	:	:	:	1	:	:	:	:	:	:	1	-	:
	Sweet-	dnm		:	:	1	:	;	1	1	1	1	1	1	ŀ	-	:
	Black	walnut		9	11	∞	13	36	19	o	2	-	8	6	∞	8	137
	Forest Inventory	Unit and county	Northwestern Ozark Unit	Benton	Camden	Cedar	Dallas	Hickory	Laclede	Maries	Miller	Morgan	Phelps	Polk	Pulaski	St. Clair	Total

(Table 11 continued on next page)

(Table 11 continued)

centory All Eastern Shortleaf White Cypress softwoods Had River River 101 441				Sc	Softwoods						Hardwoods	spo			
unity species redcedar pine Cypress softwoods maple maple maple birch Hick 441	Forest Inventory	Ψ	Eastern	Shortleaf	White		Total	Soft	Hard	River			Hack-		Honey-
441	Unit and county	species	redcedar	pine	pine	Cypress	softwoods	maple	maple	birch	Hickory	Pecan	berry	Ash	locnst
441 .	Prairie Unit														
13	Adair	441	:	:	:	1	:	36	က	:	28	:	1	2	:
56 <td< td=""><td>Andrew</td><td>13</td><td>;</td><td>1</td><td>1</td><td>1</td><td>:</td><td>:</td><td>ŀ</td><td>:</td><td>1</td><td>:</td><td>1</td><td>ŀ</td><td>:</td></td<>	Andrew	13	;	1	1	1	:	:	ŀ	:	1	:	1	ŀ	:
383 <td>Atchison</td> <td>26</td> <td>:</td> <td>1</td> <td>;</td> <td>1</td> <td>:</td> <td>က</td> <td>ŀ</td> <td>:</td> <td>1</td> <td>:</td> <td>က</td> <td>ł</td> <td>:</td>	Atchison	26	:	1	;	1	:	က	ŀ	:	1	:	က	ł	:
150	Audrain	383	ŀ	:	ŀ	ŀ	:	28	2	:	28	:	ŀ	က	:
125 8 1	Barton	150	:	:	:	:	:	11	1	:	15	:	2	6	:
130 .	Bates	125	8	1	;	;	∞	_	1	:	20	10	11	4	2
209 <td>Buchanan</td> <td>130</td> <td>:</td> <td>:</td> <td>:</td> <td>;</td> <td>:</td> <td>36</td> <td>1</td> <td>:</td> <td>:</td> <td>:</td> <td>:</td> <td>7</td> <td>:</td>	Buchanan	130	:	:	:	;	:	36	1	:	:	:	:	7	:
453 .	Caldwell	209	:	1	:	1	:	35	1	:	3	:	1	23	2
715 .	Carroll	453	1	1	1	:	1	113	ŀ	:	19	;	ł	45	9
715 <t< td=""><td>Cass</td><td>_</td><td>:</td><td>1</td><td>1</td><td>1</td><td>;</td><td>1</td><td>1</td><td>1</td><td>1</td><td>!</td><td>1</td><td>ł</td><td>1</td></t<>	Cass	_	:	1	1	1	;	1	1	1	1	!	1	ł	1
629	Chariton	715	:	:	:	:	:	117	1	15	29	:	15	4	9
4	Clark	629	:	:	:	:	:	62	2	:	45	:	:	56	က
117 7	Clinton	4	:	1	;	;	:	:	1	:	1	:	1	:	:
444	Cooper	117	7	:	:	;	7	15	1	0	က	:	4	က	:
389 <t< td=""><td>Dade</td><td>444</td><td>1</td><td>1</td><td>1</td><td>1</td><td>;</td><td>4</td><td>1</td><td>;</td><td>09</td><td>:</td><td>27</td><td>32</td><td>:</td></t<>	Dade	444	1	1	1	1	;	4	1	;	09	:	27	32	:
34	Daviess	389	:	1	:	:	:	49	1	:	22	:	1	49	:
78 <	De Kalb	34	;	1	1	1	:	2	ŀ	:	_	:	1	2	:
264 0 372 0 222 0 2 67 671 671 22 277 113 173 173 173 1 <td>Gentry</td> <td>78</td> <td>:</td> <td>1</td> <td>:</td> <td>:</td> <td>:</td> <td>6</td> <td>1</td> <td>:</td> <td>_</td> <td>:</td> <td>1</td> <td>2</td> <td>:</td>	Gentry	78	:	1	:	:	:	6	1	:	_	:	1	2	:
372	Greene	264	:	:	:	:	:	1	0	:	12	:	1	က	:
222 33 0 2 67 671 22 277 113 5 63 739	Grundy	372	1	1	1	1	1	107	ł	ł	က	;	1	46	i
2	Harrison	222	1	1	1	1	;	33	0	;	10	:	1	53	:
n 67	Henry	7	:	:	:	1	:	:	:	:	1	:	1	:	:
0	Holt	29	:	:	;	1	:	က	;	:	:	:	က	:	:
671	Jackson	0	:	:	:	:	:	:	:	:	:	:	:	:	:
22 <	Jasper	671	1	:	;	1	:	6	:	:	110	:	35	32	:
277 <td>Johnson</td> <td>22</td> <td>:</td> <td>1</td> <td>:</td> <td>;</td> <td>:</td> <td>:</td> <td>1</td> <td>:</td> <td>1</td> <td>:</td> <td>1</td> <td>:</td> <td>:</td>	Johnson	22	:	1	:	;	:	:	1	:	1	:	1	:	:
itte 113	Knox	277	1	1	1	1	1	69	4	ł	24	;	1	ß	:
nce 739	Lafayette	113	1	:	;	1	:	2	1	:	1	:	1	2	2
0 02	Lawrence	739	:	:	:	1	:	:	:	1	65	:	69	92	:
Z Z/	Lewis	292	1	:	:	:	i	72	7	:	34	:	:	77	က

(Table 11 continued on next page)

(Table 11 continued)

'				ì			Hardwoods	spo						
Forest Inventory Unit and county	Black	Sweet-	Yellow	Tupelo	Syca- more	Cotton- wood	Black	Red oak group	White oak group	Black locust	Bass- wood	Elm har	Other hardwoods ha	Total
Prairie Unit		o						5	0					
Adair	20	:	;	:	က	43	~	136	118	;	7	10	:	441
Andrew	0	1	1	1	1	11	1	-	0	1	:	:	0	13
Atchison	2	:	:	:	1	42	:	:	2	:	1	1	:	56
Audrain	8	:	i	:	20	12	0	93	183	;	:	7	:	383
Barton	34	:	ŀ	:	6	2	:	48	18	ł	ł	ŀ	0	150
Bates	∞	:	:	:	2	;	2	26	23	;	;	2	0	117
Buchanan	36	:	:	:	14	2	1	12	12	;	7	:	:	130
Caldwell	_	:	1	:	47	17	:	36	37	:	;	င	:	209
Carroll	33	:	:	:	22	40	~	78	54	;	1	7	:	453
Cass	-	:	:	:	1	1	:	:	1	:	1	1	:	_
Chariton	4	:	:	:	87	64	0	215	100	4	:	15	:	715
Clark	33	:	:	:	12	99	2	222	131	:	2	25	:	629
Clinton	:	:	:	:	0	2	:	0	2	:	;	:	-	4
Cooper	34	:	:	:	13	4	_	26	7	;	;	0	:	110
Dade	30	:	:	:	20	2	:	147	120	;	;	;	:	444
Daviess	:	:	:	:	29	128	:	46	48	:	:	18	:	389
De Kalb	0	;	1	:	က	18	:	က	က	;	1	_	0	34
Gentry	29	;	1	:	က	13	~	13	4	;	1	_	_	78
Greene	93	_	ŀ	:	2	:	:	73	80	;	ŀ	ŀ	;	264
Grundy	0	:	ŀ	:	14	109	:	40	42	;	ŀ	11	;	372
Harrison	9	:	:	:	17	82	:	17	16	:	;	14	:	222
Henry	:	:	;	:	ł	1	1	:	2	;	;	;	;	2
Holt	2	1	;	:	ł	99	1	:	2	:	1	1	!	29
Jackson	:	:	:	:	;	:	0	:	1	:	:	:	:	0
Jasper	75	:	:	:	25	4	:	266	113	:	1	1	:	671
Johnson	22	:	:	:	1	1	:	:	1	:	:	:	-	22
Knox	13	:	;	:	က	20	_	89	26	:	2	10	-	277
Lafayette	4	:	:	:	41	:	0	26	26	:	;	:	-	113
Lawrence	73	9	:	:	40	1	0	230	164	:	;	;	1	739
Lewis	32	:	:	:	o	30	:	156	180	1	2	56	:	265

(Table 11 continued on next page)

(Table 11 continued)

			S	Softwoods						Hardwoods	spo			
Forest Inventory	Ψ	Eastern	Shortleaf	White		Total	Soft	Hard	River			Hack-		Honey-
Unit and county	species	redcedar	pine	pine	Cypress	softwoods	maple	maple	birch	Hickory	Pecan	berry	Ash	locust
Prairie Unit continued	pa													
Lincoln	564	0	:	1	:	0	52	26	ŀ	38	ŀ	2	2	:
Linn	425	:	:	1	:	i	116	_	ŀ	25	ŀ	11	23	:
Livingston	299	1	:	1	:	i	126	ŀ	ŀ	18	:	11	22	:
Macon	299	_	:	1	:	_	28	-	4	30	:	4	11	:
Marion	167	:	:	1	:	;	21	က	2	10	:	2	9	:
Mercer	2	:	:	;	;	:	:	:	1	;	ŀ	:	:	:
Monroe	296	:	:	1	:	ŀ	38	2	2	42	ŀ	4	က	:
Nodaway	52	:	:	1	:	ŀ	:	ŀ	ŀ	1	ŀ	ŀ	ŀ	:
Pettis	63	က	:	1	:	က	_	ŀ	ŀ	0	ŀ	0	0	:
Pike	208	0	:	:	:	0	53	∞	;	31	:	11	27	:
Platte	_	:	:	:	:	:	:	0	;	_	:	:	0	:
Putnam	213	0	:	1	:	0	36	_	1	80	:	0	က	:
Ralls	290	0	1	1	:	0	21	4	1	24	1	1	2	:
Randolph	1,225	:	1	1	;	1	22	_	20	62	2	20	21	:
Ray	219	:	:	1	:	ŀ	18	0	ŀ	7	ŀ	ŀ	18	9
Saline	333	_	:	1	:	_	33	ŀ	ŀ	16	ŀ	ŀ	28	7
Schuyler	323	_	:	1	:	_	28	-	;	11	:	1	4	:
Scotland	528	:	:	1	:	1	203	-	;	18	:	1	7	က
Shelby	593	0	:	1	:	0	31	က	2	29	:	4	11	:
Sullivan	173	:	1	1	;	1	30	-	1	16	1	1	-	:
Vernon	426	80	1	1	1	80	15	1	1	85	9	30	21	4
Worth	7	-	1	1	-	:	2	-	:	:	:	-	:	:
Total	15,862	29	-	:		29	1,761	92	51	1,002	17	270	744	52

(Table 11 continued on next page)

(Table 11 continued)

							Hardwoods	spo						
Forest Inventory	Black	Sweet-	Yellow		Syca-	Cotton-	Black	Red oak	White	Black	Bass-		Other	Total
Unit and county	walnut	gum	poplar	Tupelo	more	wood	cherry	group	oak group	locust	wood	Elm har	hardwoods ha	hardwoods
Prairie Unit continued														
Lincoln	18	:	:	:	85	51	0	124	156	:	:	4	0	564
Linn	က	:	:	:	2	47	:	116	64	:	:	16	:	425
Livingston	23	:	:	:	14	155	1	123	51	:	:	22	:	299
Macon	9	1	:	1	17	35	0	241	272	4	:	13	:	999
Marion	7	1	;	1	11	9	0	48	40	2	1	6	:	167
Mercer	1	1	1	1	1	:	1	0	2	:	:	1	-	2
Monroe	က	1	1	1	38	32	0	262	150	4	:	12	-	296
Nodaway	ŀ	ŀ	:	ŀ	;	51	ŀ	_	ŀ	;	ŀ	ŀ	:	52
Pettis	က	1	:	1	_	_	:	30	23	:	:	0	-	09
Pike	26	:	:	1	29	92	24	219	155	:	:	4	:	208
Platte	0	1	:	1	;	1	;	0	:	;	:	;	:	_
Putnam	2	1	1	1	လ	9	1	61	83	;	:	7	:	213
Ralls	∞	1	;	1	16	3	0	100	66	;	1	10	:	290
Randolph	6	1	;	1	71	43	0	480	409	2	1	24	:	1,225
Ray	4	ŀ	:	ŀ	54	33	ŀ	36	36	;	ŀ	9	:	219
Saline	13	1	:	1	72	39	0	64	52	:	:	7	-	332
Schuyler	102	;	1	1	~	16	4	39	78	:	;	80	;	322
Scotland	48	1	:	1	2	24	2	142	64	;	:	12	:	528
Shelby	2	1	1	1	29	16	0	214	224	2	;	16	!	593
Sullivan	က	:	:	1	2	0	:	43	09	:	:	9	!	173
Vernon	30	:	:	1	18	15	:	89	124	:	:	2	:	419
Worth	-	-	1	:	1	4	:	0	0	:	:	1	:	7
Total	946	7	-	-	965	1,452	42	4,390	3,688	25	23	332	2	15,833

(Table 11 continued on next page)

(Table 11 continued)

			S	Softwoods						Hardwoods	spo			
Forest Inventory	₹	Eastern	Shortleaf	White		Total	Soft	Hard	River			Hack-		Honey-
Unit and county	species	redcedar	pine	pine	Cypress	softwoods	maple	maple	birch	Hickory	Pecan	berry	Ash	locust
Riverborder Unit														
Boone	534	2	1	1	1	2	29	0	2	30	9	7	9	:
Callaway	345	52	:	1	1	52	က	0	:	_	9	1	-	:
Cape Girardeau	1,184	2	4	:	1	2	54	54	1	135	1	က	63	:
Cole	432	19	:	:	1	19	21	2	1	14	ŀ	2	က	:
Dunklin	153	:	:	:	1	1	13	ŀ	1	0	ŀ	ŀ	32	:
Franklin	911	24	က	:	1	27	20	11	1	78	:	:	10	:
Gasconade	958	29	က	:	1	32	21	∞	1	42	:	-	4	:
Howard	397	:	:	:	1	:	51	:	4	20	9	4	12	:
Jefferson	368	121	2	1	1	123	0	∞	!	13	:	:	œ	:
Mississippi	48	1	1	1	1	1	7	;	1	1	1	_	12	1
Moniteau	388	224	:	:	1	224	13	ŀ	1	_	ŀ	0	0	:
Montgomery	186	36	:	:	1	36	:	:	-	:	:	2	:	:
New Madrid	33	1	:	!	2	2	2	:	!	1	:	1	2	:
Osage	534	28	:	:	1	28	22	_	1	12	:	2	4	:
Pemiscot	15	1	:	:	2	2	0	:	1	1	:	;	1	:
Perry	1,505	4	_	:	1	2	10	47	1	170	1	-	84	:
Scott	145	1	;	:	1	1	_	2	1	12	1	;	∞	:
St. Charles	253	0	;	0	1	0	င	22	1	0	ł	2	2	:
St. Louis	78	2	:	:	1	2	7	2	-	_	:	:	_	:
Ste. Genevieve	780	52	26	1	1	78	:	15	!	39	:	;	31	ŀ
Stoddard	691	1	2	:	1	2	_	41	!	144	:	;	28	:
Warren	430	:	:	:	1	:	1	22	:	23	;	:	2	:
Total	10,369	594	42	0	2	641	280	309	7	737	19	28	320	:
State total	86,585	2,105	2,454	0	14	4,574	2,287	588	28	6,972	36	376	1,695	52

(Table 11 continued on next page)

(Table 11 continued)

							Hardwoods	spo						
Forest Inventory	Black	Sweet-	Yellow		Syca-	Cotton-	Black	Red oak	White	Black	Bass-		Other	Total
Unit and county	walnut	gum	poplar	Tupelo	more	wood	cherry	group	oak group	locust	wood	Elm hard	hardwoods ha	hardwoods
Riverborder Unit														
Boone	9	:	:	:	35	45	0	167	191	2	:	S)	:	531
Callaway	ß	;	:	1	33	43	;	52	145	;	:	က	;	292
Cape Girardeau	12	17	116	∞	33	6	4	438	231	:	:	က	:	1,179
Cole	10	1	:	:	24	25	-	141	166	:	i	:	;	413
Dunklin	ı	34	:	1	17	က	1	36	10	:	i	7	;	153
Franklin	2	2	:	1	35	20	0	331	365	:	i	1	;	885
Gasconade	က	0	:	:	72	61	0	276	430	:	:	∞	:	926
Howard	37	:	:	:	20	21	_	117	70	2	:	2	:	397
Jefferson	_	;	0	1	4	0	_	131	78	;	:	:	:	245
Mississippi	:	12	;	1	7	9	1	က	0	:	:	0	:	48
Moniteau	2	:	:	ŀ	18	:	0	84	47	:	ŀ	:	;	165
Montgomery	:	1	:	ŀ	ŀ	12	;	34	86	:	ŀ	:	:	150
New Madrid	:	11	:	1	2	9	;	ŀ	:	:	ŀ	0	:	31
Osage	∞	:	:	1	29	13	_	152	262	:	:	:	:	206
Pemiscot	:	4	:	:	4	4	:	:	:	:	:	0	:	12
Perry	27	0	09	27	15	80	41	588	449	;	:	_	0	1,500
Scott	0	~	16	ŀ	1	လ	2	61	37	:	1	0	:	145
St. Charles	∞	_	;	1	∞	32	1	75	29	:	:	_	:	253
St. Louis	က	1	:	ŀ	4	ŀ	0	31	25	:	ŀ	:	:	9/
Ste. Genevieve	2	1	_	ŀ	17	17	က	354	223	:	ŀ	:	:	702
Stoddard	2	36	6	ŀ	4	7	2	272	134	:	ŀ	_	:	689
Warren	8	1	-	-	45	44	0	80	167			1	:	430
Total	140	121	203	35	460	378	32	3,423	3,187	5		44	0	9,727
State total	1,680	380	244	111	2,173	1,955	161	40,922	21,708	30	23	260	2	82,011
0 = 1 ess than $500 cubic$ feet	feet													

0 = Less than 500 cubic feet. Table may not sum due to rounding.

Table 12. -- Disposition of residues produced at primary wood-using mills by Forest Inventory Unit, disposition, residue type, and softwoods and hardwoods. Missouri, 2006

(In thousand green tons)

						Residue type	e type			
					Wood residue	sidue				
Forest Inventory Unit	Total all residues	esidues	Total wood residue	d residue	Coarse1	e1	Fine ²	e ²	Bark	×
and disposition	Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood
All Units										
Fiber products	4.6	290.8	4.6	284.9	2.2	270.3	2.4	14.6	0	5.9
Charcoal	26.6	575.4	21.1	480.2	14.9	262.2	6.2	218.0	5.5	95.3
Industrial fuel	6.5	200.5	0.9	177.4	1.1	75.1	4.9	102.3	0.5	23.1
Domestic fuel	0.4	112.7	0.3	89.2	0.3	72.3	0	16.9	0.1	23.5
Miscellaneous ³	40.1	458.8	25.7	246.6	15.9	152.7	9.8	93.9	14.4	212.2
Not used	26.0	160.1	21.6	126.3	12.7	56.6	8.9	69.7	4.4	33.8
Total	104.3	1,798.2	79.3	1,404.5	47.1	889.3	32.2	515.2	24.9	393.7
Eastern Ozark Unit										
Fiber products	2.5	111.4	2.5	108.5	1.9	101.9	0.7	6.7	:	2.9
Charcoal	23.1	375.1	18.1	308.4	13.6	184.3	4.5	124.1	5.0	8.99
Industrial fuel	5.2	118.6	4.9	104.5	1.1	51.7	3.8	52.9	0.2	14.1
Domestic fuel	0.2	22.7	0.2	17.9	0.2	17.8	1	0	0.1	4.8
Miscellaneous ³	9.5	2.66	4.4	32.8	2.8	20.4	1.5	12.4	4.9	6.99
Not used	5.2	83.5	4.4	64.8	2.0	25.7	2.4	39.1	0.0	18.8
Total	45.4	811.0	34.4	636.8	21.5	401.7	12.9	235.2	11.0	174.1
Southwestern Ozark Unit	ıit									
Fiber products	1	5.4	:	5.4	:	5.4	:	:	:	:
Charcoal	1	26.4	1	23.0	:	15.7	:	7.3	1	3.5
Industrial fuel	9.0	17.9	0.4	13.2	0.0	8.9	0.3	4.3	0	4.7
Domestic fuel	0.0	14.5	0.0	11.0	0.0	9.5	1	1.5	0	3.5
Miscellaneous ³	4.5	31.7	4.0	24.1	3.0	12.3	1.0	11.8	0.5	7.6
Not used	0.1	13.2	0.1	8.8	1	4.5	0.1	4.3	1	4.4
Total	5.2	109.0	4.5	85.3	3.0	56.2	1.5	29.2	0.8	23.7
Northwestern Ozark Unit	Ĥ									
Fiber products	1	59.1	:	57.1	:	55.9	1	1.3	1	1.9
Charcoal	1	10.7	1	10.7	:	1	:	10.7	1	1
Industrial fuel	0.3	35.5	0.3	31.5	0	14.3	0.3	17.2	0.0	4.0
Domestic fuel	0.0	45.4	0	35.2	0	29.7	0.0	5.5	0	10.2
Miscellaneous ³	1.0	155.6	0.8	105.5	0.7	56.3	0.1	49.2	0.2	50.1
Not used	0.1	37.3	0.1	29.5	0.0	19.2	0.1	10.3	0.0	7.7
Total	1.4	343.5	1.2	269.6	0.8	175.4	0.4	94.2	0.2	73.9

(Table 12 continued on next page)

(Table 12 continued)

						Residu	Residue type			
					Wood residue	sidue				
Forest Inventory Unit	Total all residues	esidues	Total wood residue	residue	Coarse¹	se¹	Fine ²	25	Bark	×
and disposition	Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood
Prairie Unit										
Fiber products	1	0.99	ŀ	0.99	;	64.6	;	1.4	1	ŀ
Charcoal	0.4	61.0	9.0	57.8	1	7.7	0.4	50.0	1	3.2
Industrial fuel	i	16.9	:	16.9	i	0.2	:	16.7	1	i
Domestic fuel	0.1	9.6	0	7.8	0	7.8	!	!	0	2.0
Miscellaneous ³	2.9	100.1	2.3	43.3	1.8	33.6	0.5	9.7	9.0	56.8
Not used	18.7	9.7	15.4	8.1	10	4.0	2.7	4.2	3	1.6
Total	22.1	263.5	18.2	199.9	11.6	118.0	9.9	81.9	3.9	63.6
Riverborder Unit										
Fiber products	2.1	48.9	2.1	47.8	0.4	42.6	1.7	5.2	0.0	1.1
Charcoal	3.1	102.3	2.6	80.4	1.3	54.6	1.3	25.8	0.5	21.9
Industrial fuel	0.5	11.6	0.5	11.3	;	ŀ	0.5	11.3	0.0	0.3
Domestic fuel	0.1	20.4	0.1	17.3	0.1	7.5	1	9.8	0	3.1
Miscellaneous ³	22.6	71.7	14.3	40.9	7.6	30.2	6.7	10.7	8.3	30.8
Not used	1.8	16.4	1.6	15.1	1.0	3.2	9.0	11.9	0.2	1.4
Total	30.1	271.3	21.1	212.8	10.2	138.1	10.8	74.7	9.1	58.5
-										

0 = Less that 50 green tons.
1 Suitable for chipping such as slabs, edgings, veneer cores, etc.
2 Not suitable for chipping such as sawdust, veneer clippings etc.
3 Livestock bedding, mulch, small dimension, specialty items, etc.
Table may not sum due to rounding.

Equal opportunity to participate in and benefit from programs of the Missouri Department of Conservation is available to all individuals without regard to their race, color, national origin, sex, age or disability. Questions should be directed to the Department of Conservation, P.O. Box 180, Jefferson City, MO 65102, (573) 751-4115 (voice), 800-735-2966 (TTY), or to the U.S. Fish and Wildlife Service Division of Federal Assistance, 4401 N. Fairfax Drive, Mail Stop: MBSP-4020, Arlington, VA 22203.

